

DeKalb County Department of Watershed Management
Capital Improvement Projects (CIP) Division

**SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)
COMPLETION REPORT**
December 2014

- ❖ Snapfinger Creek
- ❖ South Fork Peachtree Creek
- ❖ South River



Before



After



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EXECUTIVE SUMMARY

This SEP Completion Report (the “Report”) details DeKalb County’s (the “County”) implementation of the SEP pursuant to criteria that are set forth in the Consent Decree – DeKalb County, Civil Action File No. 1:10-cv-4039-WSD. The SEP involved Stream Cleanup Projects and a public involvement component (*Citizen Cleanup Days*) performed in accordance to the Stream Cleanup Plan (the “Plan”) as approved by the U.S. Environmental Protection Agency (“EPA”) and the Georgia Environmental Protection Agency (“EPD”) on March 27, 2013. The Plan specified three stream cleanup projects along the following designated streams: **South River, South Fork Peachtree Creek and Snapfinger Creek**. The scope of the total project was a one-time cleanup of trash and debris from the banks and beds of the aforementioned streams and river.

The Plan identified 141 locations where trash and debris were present in material quantities: 31 sites along South River, 65 sites along South Fork Peachtree Creek and 45 sites along Snapfinger Creek. The 141 sites were estimated to have a total of 797 cubic yards of trash and debris. However, conditions existing at the time of the cleanup revealed the quantities at the identified locations totaled approximately 1,385 cubic yards, an increase of 58%.

The County had previously elected to pursue cleanup of the total 141 sites, as specified in the Plan. In addition, the County elected to remove the total quantities of trash and debris encountered during the project, totaling 1,260 cubic yards. These decisions by the County were assessed as being in the best interest of the citizens of DeKalb County and enhancing the County’s ecological resources. The County’s cost to implement the Plan as outlined above was approximately \$1.009 million, significantly exceeding the \$600,000 minimum expenditure requirement of the Consent Decree.

The cleanup was successfully completed at the 141 sites as contained in the Plan. The operation was conducted within the Plan time-frame of 180 calendar days as specified in County contract documents. Information relative to removal operations at the three stream segments are discussed in the Implementation section of this report.

In addition to the three stream cleanup projects, the County conducted six *Citizen Cleanup Days*, two along each of the three streams. These citizen cleanup projects are discussed in the Implementation section of this report.

1. INTRODUCTION

This Report details the County's implementation of the SEP pursuant to criteria that are set forth in the Consent Decree. The Report summarizes the implementation of three Stream Cleanup Projects (including the South River Project, the South Fork Peachtree Creek Project, and the Snapfinger Creek Project) and provides information regarding the County's public outreach and awareness efforts, which were implemented in conjunction with the cleanup projects. Additionally, this Report details six Citizen Cleanup Days, two along each of the three streams.

This Report is organized as follows:

- Section 2.0 summarizes the County's implementation of the Stream Cleanup Projects, including a detail account of trash/debris quantities and neighborhood involvement during the implementation of the South River Project, the South Fork Peachtree Creek Project, and the Snapfinger Creek Project, and describes any problems encountered and the corresponding solutions.
- Section 3.0 provides the County's approach in informing the general public regarding cleanup activities, including how the County publicized the Projects and how the Projects and public outreach raised public awareness. This Section also summarized the County's Citizen Cleanup Days.
- Section 4.0 outlines the County's cost and expenditures associated with the implementation of the SEP.
- Section 5.0 describes the environmental and public health benefits resulting from the implementation of the SEP.
- Section 6.0 provides a conclusion to the SEP implementation and the required certification that the SEP was fully implemented pursuant to the provision of the Consent Decree.

Additional information regarding the implementation of the SEP, including, for example, invoices, media announcements, and pre- and post cleanup photographs, are included in the attached Appendices.

2. STREAM CLEANUP PROJECT IMPLEMENTATION

The County awarded the cleanup project to Site Engineering, Inc., 7025 Best Friend Road, Atlanta, GA 30340. The final contract totaled \$1,009,519.25. The contractor invoices, validated by the Quality Assurance/Quality Control (“QA/QC”) consultant, certified by the County’s SEP project manager and approved for payment, are contained in Enclosure 1.

The contract award date was March 24, 2014. The County held the Notice to Proceed meeting on March 26, 2014 and the project kick-off on April 9, 2014. The contractor’s Work Plan was reviewed, and with minor amendments, approved. The contractor had previously coordinated with respective agencies, including the Army Corps of Engineers, Savannah District, the Georgia EPD and DeKalb County Development/Environmental Office, relative to machinery operating in the streambed and stream buffer. The contractor was advised that only low-impact machinery should be used in these operations and that manual operations were to be closely monitored.

As specified in the approved Cleanup Plan, the County committed to providing a QA/QC representative to monitor site operations by the removal contractor. The County contracted with Corporate Environmental Risk Management, LLC (CERM), to provide a two-person engineering team to provide this on-site support. This decision was based on the experience that this firm had relative to the SEP; CERM performed most of the original reconnaissance and stream walks in support of data collection for the SEP.

Following receipt of public outreach documentation that the County had developed for notification purposes, the contractor began the distribution of letters and door hangers to residents in the communities immediately adjacent to the areas of operation. See Appendix A for the SEP introductory letter and door hanger. Letters were left at the door of residents immediately adjacent to the area in which the contractor would begin operations. Door hangers were distributed on the front doors of impacted residents on the day preceding initiation of operations in the area(s).

The contractor fielded a maximum of three teams, each assigned specific sites for cleaning. Implementation procedures and operations at each of the three stream segments are addressed in subsequent portions of this section. General operations and procedures, which apply to each of the three segments, are discussed below.

The contractor and County QA/QC representative reconnoitered stream segments containing trash/debris to verify quantities, confirmed route(s) of entry and egress and assessed the need for mechanical equipment. The purpose of the reconnaissance was to validate or verify conditions at each of the identified trash and debris piles.

The identified trash and debris piles were found to be largely intact or in place, as identified in the SEP Cleanup Plan and confirmed by on-site GPS. In general, the size of the piles had increased, primarily because of stream flows that tended to cause debris to accumulate on in-stream sand bars. In one or two cases, stream flows had shifted the debris pile downstream 50 to 100 feet. The contractor was given authorization to remove any such piles.

In general, entry and egress from sites were along the County right-of-way at bridges or stream crossings. The effect was to reduce the frequency of traversing private property for entry and egress

to a debris pile. When hand removal was impractical, such as encounters with large tree trunks, low-impact mechanical equipment was used, including rubber tires/treads and remotely-operated winches. Where available and when needed, the contractor utilized County easements, right-of-ways, and County-owned parcels to access trash and debris sites.

When traversing private property was necessary to maximize removal operations, the resident was contacted and requested to sign a “Right-to-Enter” form; this document gave the County authorization to enter the resident’s property, and obligated the County to “restore or remediate” any damage that resulted to the resident’s property from the cleanup operation. If the resident/owner refused to sign the entry form, the QA/QC and County project manager determined another method of disposing of the trash/debris. In all cases, the contractor was provided an alternative location to use, eliminating the need for the “Right-to-Enter.”

If trash/debris was observed to be mostly “buried” in silt in the stream bed or stream bank to the extent that its removal would result in material disturbance of the substrate, the QA/QC representative and County project manager determined if the trash/debris was to be removed or left intact.

2.1.SNAPFINGER CREEK PROJECT

The Plan identified 45 sites where trash and debris had been found in material quantities; 120 cubic yards of trash and debris were estimated to be removed at these 45 sites. The contractor began operations on April 8, 2014 and completed removal on May 13, 2014. No significant difficulties or problems were encountered during the Snapfinger Creek project.

The Plan quantities versus actual found by the contractor were as follows:

Tires	Plan - 196 tires/39 cu yards	Actual - 951 tires/191 cu yards
Trash/debris	Plan - 27 cubic yards	Actual - 67 cubic yards
Woody debris	Plan - 54 cubic yards	Actual - 112 cubic yards
TOTALS	PLAN - 120 cubic yards	ACTUAL - 370 cubic yards

An interesting observation noted during the Snapfinger Creek project was the number of shopping carts recovered. Over 50 carts were found in sections of the Creek, particularly along South Hairston Road. Additionally, there were a few instances where the contractor was required to return to a site previously cleaned after tires/debris and household furnishings were dumped at a cleaned site.

Neighborhood involvement was excellent during the Snapfinger Creek project. In one neighborhood, for example, the local Home Owner’s Association representative accompanied a cleanup crew daily, interceding, where needed, in discussions and interactions with homeowners. In several other instances where a section of the Creek traversed a multifamily complex, the County received excellent cooperation from site management.

The contractor and County QA/QC representative noted a few instances of illegal dumping adjacent to, but outside of, the stream buffer. In such instances, the County’s SEP project manager reported these potential environmental infractions to County Code Enforcement for follow-up action.

In implementing the cleanup, contractor crews avoided traversing private property. When crews needed to cross private property for operational efficiency, a Right-to-Enter form was requested from the resident. See Appendix B for an example of a Right-to-Enter form. During the Snapfinger Creek project, only one resident/owner refused to sign the form. The contractor and County QA/QC representative determined alternative entry and exit points to service the site.

2.2.SOUTH FORK PEACHTREE PROJECT

The Plan identified 65 sites where trash and debris had been found in material quantities; 240 cubic yards of trash and debris were estimated to be removed at these 65 sites. The contractor began operations on May 14, 2014 and completed removal on June 20, 2014. No significant difficulties or problems were encountered during this project.

The Plan quantities versus actual found by the contractor were as follows:

Tires	Plan - 309 tires/65 cu yards	Actual - 186 tires/40 cu yards
Trash/debris	Plan - 55 cubic yards	Actual - 177 cubic yards
Woody debris	Plan - 120 cubic yards	Actual - 133 cubic yards
TOTALS	PLAN - 240 cubic yards	ACTUAL - 350 cubic yards

The number of tires recovered from South Fork Peachtree Creek was 40% less than estimated in the Cleanup Plan. The amount of trash and debris was roughly three times the quantity previously estimated.

Neighborhood involvement on the South Fork Peachtree Creek project was excellent, particularly from multifamily management firms. In instances where the SEP contractor found trash and debris outside the stream buffer, the management firms were encouraged to initiate cleanup activities on their own. Most agreed and coordinated their activities with those of the SEP contractor. No instances of “dumping” at sites that had been cleaned by the contractor were noted.

Access to the debris sites at South Fork Peachtree Creek was not a problem. One commercial property owner would not give the contractor access or egress across his property; an alternative location was utilized, which resulted in no significant adverse impacts on operational efficiency.

2.3.SOUTH RIVER PROJECT

The Plan identified 31 sites where trash and debris had been found in material quantities; 52 cubic yards of trash and debris and 4,970 tires were estimated to be removed at these 31 sites. The contractor began operations on June 21, 2014 and completed removal operations on September 5, 2014. No significant difficulties or problems were encountered during this project.

The Plan quantities versus actual found by the contractor were as follows:

Tires	Plan - 4,970 tires/385 cu yards	Actual - 4124 tires/320 cu yards
Trash/debris	Plan - 17 cubic yards	Actual - 2.5 cubic yards
Woody debris	Plan - 35 cubic yards	Actual - 333 cubic yards
TOTALS	PLAN- 437 cubic yards	ACTUAL - 655.5 cubic yards

The number of tires recovered from South River was slightly less than projected. Based on the speed of stream flow at any given time, tires are moved downstream following rain events. In addition, at a few locations, tires were found to be 85-90 percent imbedded in the streambed. These imbedded tires were not disturbed, as removal would have significantly increased sediment downstream.

The amount of woody debris removed was roughly 10 times the quantity estimated in the Plan.

Neighborhood involvement on the South River project was excellent. One neighborhood group, the South River Watershed Alliance, joined the County in conducting volunteer cleanup operations. At least two such weekend projects were conducted during the time County operations were in progress.

3. PUBLIC OUTREACH

The County has employed a number of measures to engage the affected communities and the general public. The County followed up on the socioeconomic input provided by CERM during the SEP Plan development phase and utilized County communications staff to ensure citizens and residents potentially impacted by the cleanup operation were advised and informed.

3.1.SEP PROJECT COMMUNICATION

Among the initiatives implemented at the outset or during the project are the following.

- **Media announcements.** The County distributed news releases to television and print outlets in the DeKalb metropolitan area, announcing the SEP project, its purpose, scope, and planned implementation schedule. In addition to announcements at the onset of the project, progress updates were provided at various intervals. See Appendices C-I.
- **Letters to residents.** Prior to beginning operations in a neighborhood adjacent to the stream segment targeted for cleaning, letters were distributed to each home in the neighborhood. See Appendix A.
- **Door hangers.** Highly-visible (orange-colored) hangers were distributed to each home in the identified neighborhood. See Appendix A.
- **Special “live” media days.** The County implemented a special *Media Day* during which television and print journalists were invited to observe an actual cleanup operation. Four television stations, DeKalb County Television (DCTV) and three print media representatives attended the first “Live” Media Day on June 26, 2014.
- **Public service announcements.** As part of the continuing education component of the SEP, the County recorded two Public Service Announcements (PSAs) through DCTV for future broadcast. These announcements will serve as a reminder to DeKalb residents of the critical role they will continue to play in enhancing the ecology of our streams.
- **Direct citizen communication.** The County published names, telephone numbers and contact information for the County’s SEP project manager, SEP communications contact and the removal contractor. Citizen inquiries were handled expeditiously, thereby ensuring that County residents were thoroughly aware of SEP activities.

3.2.PUBLIC OUTREACH CAMPAIGN

As described in the Plan, the County conducted a successful public outreach campaign involving residents who were impacted by tires, trash and debris in the three streams. During publicized community meetings at north, central, and south locations across the County, attendees/residents were given the option of identifying locations that contained trash and debris piles. This effort was successful, as citizens were afforded the opportunity to interact directly with County staff. These

locations were subsequently reconnoitered by the County and pile quantities entered into the database.

Following approval of the Stream Cleanup Plan, the County continued its public outreach initiative through news releases regarding the project. This initiative continued through the Project Bid Solicitation, and award of contract to the selected bidder Site Engineering, Inc.

As on-site removal operations commenced, the County continued its outreach initiative through various communications mediums, including news releases. Residents in the immediate area of the planned removal operation received a letter describing the project. Each also received a “door hanger” with similar information, along with contractor contact information and County staff names, email addresses and telephone numbers. In addition, DeKalb County Television (DCTV) developed public service announcements on the cleanup. Press and television media were invited to observe a “live” cleanup at a Plan site, Moreland Avenue Bridge at South River. This event was held on June 26, 2014. Three commercial television stations, DCTV and print media attended. A news story on the event was broadcast by a local television network WSBTV Channel 2, during a noon news broadcast, as well as on their evening news. DCTV will air their cleanup PSAs periodically in the future.

The *Stream Cleanup Grand Finale* was held on September 19, 2014. This event was attended by DeKalb County Interim CEO Lee May, who was the primary speaker. Also attending and speaking were DeKalb District Four Commissioner Sharon Barnes Sutton, Deputy Chief Operating Officer for Infrastructure Morris Williams, Mayor of the city of Lithonia Deborah Jackson, CIP Advisory Group member Sally Sears, President of the South River Watershed Alliance Dr. Jacqueline Echols, and President-elect of the DeKalb Chamber of Commerce Al Edwards. Both print and broadcast media were present and the event was broadcast on local evening news. See Appendices J-O.

The County realized public outreach benefits through its smooth transition among contractors and consultants. Residents were pleased to find that some of the same County staff and consultants involved in the community outreach meetings and data collection stream walks were participants in the final project phase: the site/pile removal operations. Some of these residents participated in the Stream Cleanup Project Finale on September 19, the “capstone” for the project and a successfully-executed public outreach plan.

3.3.COMMUNITY CLEANUP DAYS

In addition to the 141 Stream Cleanup Projects, the Plan also required six *Community Cleanup Days* – two along each of the three streams. The County believes that hands-on involvement from the community is very valuable with respect to raising public awareness. These *Community Cleanup Days* allowed for the desired level of public involvement. Three community cleanups were successfully conducted by the County during the period July 1, 2013 and December 31, 2013 at the three streams, in which 26 volunteers participated and 1,500 cubic yards/tons of debris were collected. Three additional cleanups were completed in October 2014: October 11 (Snapfinger Creek), October 18 (South River) and October 25 (South Fork Peachtree Creek), in which 28 volunteers participated and 1,100 cubic yards/tons of debris were collected.

In addition to the County-sponsored *Community Cleanup Days*, neighborhood groups have also initiated cleanup activities. The South River Watershed Alliance, for example, has conducted and continues to conduct cleanups along certain sections of South River, particularly Panola Shoals Trailhead. In addition, other citizen groups sponsored cleanups of streams in their neighborhoods. One such event was held on September 20, 2014, in the City of Chamblee.

Public outreach and awareness of the cleanup operation has yielded citizen awareness and response. One homeowner's association group took the initiative to print and post "No Dumping, \$500 Fine" signs following the County's removal operation at a nearby South River site. These signs were posted at the entrance to and along the street leading to this condominium community on the banks of South River.

4. SEP PROJECT COSTS

The County committed to expending a minimum of \$600,000 to fund the stream cleanup projects. The County elected to retain a contractor to perform the actual removal operations, with the County retaining accountability for the project.

The County determined that the total 141 trash/debris piles could not be removed at the above referenced cost. It was projected that only approximately 90 of the 141 sites could be cleaned up at this cost. However, the County elected to pursue removal operations from all 141 sites. The bid price for the 141 sites was \$966,237.50.

Based on variable quantities of tires, trash and debris removed by the contractor, the adjusted NTE price for remediation of the 141 sites was NTE \$1,009,519.25. The contractor costs are limited to the actual removal operation as specified in the Cleanup Plan. Detailed invoices for each of the three phases or streams are located in Appendix P.

The costs and expenditures reflected on the three invoices have been **certified by the County**.

The costs reflected meet eligibility criteria as specified in the Consent Decree.

5. ENVIRONMENTAL AND PUBLIC HEALTH BENEFITS

The initial Stream Cleanup Plan assigned an ecological score to each of the 141 trash and debris sites based on the EPA's "Rapid Bioassessment Protocols for Use in Streams and Wadable Rivers" (1999). The ecological value of sites was determined based on the field studies and statistical analysis of the field study data. The field data collection sheets included scores for ten habitat parameters ((1) epifaunal substrate/available cover; (2) pool substrate characterization; (3) pool variability; (4) sediment deposition; (5) channel flow status; (6) channel alteration; (7) channel sinuosity, (8) bank stability (left and right bank); (9) vegetative protection (left and right bank); and (10) riparian vegetative zone width (left and right bank)). The assigned score was intended to determine the sites that would benefit most from trash and debris removal. Even though 94 sites were identified as benefitting most from a cleanup, the County elected to conduct removal operations at all of the 141 sites, providing optimal benefits to all residents of DeKalb County.

There are immediate benefits by undertaking the Stream Cleanup Projects, such as

1. The immediate improvement in water quality because of the removal of 1,260 cubic yards of pollution, and
2. The immediate improvement in water flow and the streams' ability to clean themselves.

Appendix Q presents a visual representation of pre- and post cleanup activities including the removal of pollution at some of the sites. Additionally, environmental benefits to the three streams will be realized both in the short and long term for each of the 141 sites. The attached example *Overall Assessment* and *Ecological Value* form pertaining to South River Site 100, noted that a "[l]arge number of tires in stream" impacted the ecological value. The Total Score for this site based upon ten Ecological Parameters was 118 (Refer to Appendix R). Removal of the tires from this South River location will improve the Total Ecological Parameters Score for this site, based on EPA protocol. Cleanup operations at other South River sites, along with operations at identified residue piles of the other two streams will realize similar benefits.

Trash and debris that previously adversely impacted Total Ecological Parameters of a stream will increase its *Total Score* following the removal operations. In the long term, the County, in conjunction with other metro area governments, will realize tangible environmental benefits as the water quality of the three SEP streams improves by the actions and activities of the SEP.

The Urban Stream designations for the South River, South Fork Peachtree Creek and Snapfinger Creek could be changed over the long term. As future pollutant testing might dictate, some of the current prohibitions could be relaxed or even eliminated.

Improved water quality and increased cleanliness of our streams are overall benefits that citizens of the County will enjoy as a result of the activities and accomplishments resulting from the SEP.

6. CONCLUSION AND CERTIFICATION

“The Supplemental Environmental Project (SEP) was being undertaken in connection with the settlement of an enforcement action, United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act. The County agreed to implement this project as part of the Consent Decree.”

The SEP Project entailed a one-time removal of trash and debris from the banks and streambeds of South River, South Fork Peachtree Creek and Snapfinger Creek and a public involvement component.

The County has fully implemented the SEP pursuant to the provisions of the Consent Decree.

APPENDIX A
SEP introductory letter & door hanger to County residents



Department of Watershed Management

Dr. James M. Chansler, P.E.
Director

Kenneth R. Saunders
Program Director, Capital Improvement Projects (CIP)

April 4, 2014

Re: Supplemental Environmental Projects (SEP) Initiative

Dear resident,

The DeKalb County Department of Watershed Management's Capital Improvement Projects division (CIP) will be conducting a one-time removal of trash and debris from the banks and streambeds of **South River, South Fork Peachtree and Snapfinger Creeks**. It has been determined that one of these streams is adjacent to your property, and this notice will serve as your official notification of this project in your area. The project will begin in early April 2014, with an anticipated completion date of late fall 2014.

This Supplemental Environmental Projects (SEP) initiative is being undertaken in connection with the settlement of an enforcement action, United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

Site Construction has been retained as the project manager/primary contractor, with assistance from several subcontractors. We will do what is minimally necessary to achieve our goals. **Upon completion of the project, it is our guarantee that any affected areas on your property will be restored to equal or better condition than the precleanup status.**

We look forward to working with you to ensure a timely and successful completion of this project. Thanks for your assistance and support.

Project contacts are:

Paxton Billingsley

Vice President
Site Construction
770. 263.7234

Pauline A. Andrea

DeKalb County Government
Communications & Public Relations
Department of Watershed Management
Capital Improvement Projects (CIP)
770.724.1406

Willie D. Greene

DeKalb County Government
SEP Senior Project Manager
Department of Watershed Management
Capital Improvement Projects (CIP)
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Interim Chief Executive Officer
Lee May

Board of Commissioners

District 1
Elaine Boyer

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Sharon Barnes Sutton

District 5
Lee May

District 6
Kathie Gannon

District 7
Stan Watson



DeKalb County Government
Department of Watershed Management
Capital Improvement Projects (CIP) Division

Supplemental Environmental Project (SEP) - Stream Cleanup Campaign

The DeKalb County Department of Watershed Management's Capital Improvement Projects (CIP) Division will be conducting a one-time removal of trash and debris from the banks and streambeds of South River, South Fork Peachtree Creek and Snapfinger Creek. It has been determined that one of these streams is adjacent to your property, and this notice will serve as your official notification of this project in your area.

The project will begin in April 2014. Our anticipated completion date is late fall 2014.

Site Engineering, Inc. will serve as project manager/primary contractor, with assistance from several subcontractors. If entry onto your property is required to facilitate the project, you will be required to sign a "Right to Enter" form. Upon completion of the project, it is our guarantee that any affected areas on your property will be restored to equal or better condition than the precleanup status.

This Supplemental Environmental Project (SEP) is being undertaken in connection with the settlement of an enforcement action, United States et al. v. DeKalb County, Georgia, taken on

behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act. The County agreed to implement this project as part of the Consent Decree.

Project contacts:

Paxton Billingsley
Vice President
Site Engineering, Inc.
770.263.7234

Willie D. Greene
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APPENDIX B
Right-to-enter form

APPENDIX C
County news release (SEP kick-off) – *April 14, 2014*



MEDIA CONTACTS

[Burke Brennan](#), Press Secretary
P: 404-371-6305 | M: 678-201-7209

[Angela Walton](#), Communications Manager
P: 404-371-3688 | M: 404-964-0357

FOR IMMEDIATE RELEASE

April 14, 2014

DeKalb to Advance Stream Sustainability Efforts *Supplemental Environmental Project (SEP) kicks off*

DECATUR, Ga. – The DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) Division announces its plan for a one-time removal of trash and debris from the banks and streambeds of South River, South Fork Peachtree Creek and Snapfinger Creek. This stream cleanup will begin in **April 2014**, with an anticipated completion date of **late fall 2014**.

This Supplemental Environmental Project (SEP) is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

“The project’s purpose is to improve overall quality and sustainability of DeKalb County streams,” DeKalb’s SEP Senior Project Manager Willie Greene said. “We appreciate what our residents are doing to help make water a more sustainable resource.”

Site Engineering, Inc., a 25-year industry leader in municipal water and sewer restoration projects will serve as the primary project contractor, with assistance from several subcontractors.

“We look forward to working with DeKalb County on this environmental project,” Site Engineering Vice President Paxton Billingsley said. “Water restoration is our forte, and we can certainly assist the County in advancing its stream sustainability efforts.”

For additional information on this project, contact Paxton Billingsley with Site Engineering at (770) 263-7234 or Willie D. Greene with DeKalb County at (770) 621-7208.

-more-

DeKalb Stream Cleanup/Page 2

The Supplemental Environmental Project comprises specially-designated stream cleanup projects along South River, South Fork Peachtree Creek and Snapfinger Creek. Its main focus is to improve the overall quality and sustainability of these streams by enhancing the condition of the ecosystem affected by sewer spills, and to provide for a public involvement component. The County agreed to implement this project as part of the Consent Decree.

DeKalb County is Georgia's third largest county with more than 700,000 residents calling it home. Known for its business and education hub, growing international community and natural wonders, DeKalb County Government is administered by [Interim Chief Executive Officer Lee May](#) and legislative policy is set by a seven-member [Board of Commissioners](#).

Stay informed with news from DeKalb County by signing up at www.onedekalb.com or send a text message with the word ONEDEKALB to 22828 (message and data rates may apply).

###

APPENDIX D
County news release (SEP update – completion of
Phase I) – *June 13, 2014*



MEDIA CONTACTS

Burke Brennan - Press Secretary
P: 404-371-2314 | M: 404-481-7959

Angela Walton, Communications Manager
P: 404-371-3688 | M: 404-964-0357

FOR IMMEDIATE RELEASE

June 13, 2014

DeKalb Announces Completion of Phase I Stream Cleanup *Snapfinger Creek Cleanup Operations a Huge Success*

DECATUR, Ga. – The DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) Division announces the successful completion of Phase I of its Supplemental Environmental Project (SEP) stream cleanup initiative. Phase I comprises the one-time removal of trash and debris from 44 sites along the banks and streambed of Snapfinger Creek and was completed in late May 2014.

“Our team’s cleanup efforts at Snapfinger Creek generated 950 tires, 112 tons of woody debris and 67 tons of trash, including shopping carts and plastic and paper debris,” DeKalb County Senior Project Manager Willie Greene said. “We commend Site Engineering, Inc. for this highly successful trash and debris removal operation, and look forward to duplicating these efforts in Phases II and III.”

The County has identified 65 trash and debris removal sites along South Fork Peachtree Creek for Phase II and 30 removal sites along South River for Phase III. Phase II is underway. The anticipated completion date for Phases II and III is early August 2014.

“We continue to encourage residents to engage in the cleanup process and are delighted by the endorsements we have received thus far from homeowners,” Site Engineering, Inc. Project Manager Paxton Billingsley said. “We look forward to similar endorsements for South Fork Peachtree Creek and South River. This project has enabled citizens to become more involved in their community, and foster a sense of responsibility for the County’s water resources.”

The purpose of the project, designated as a Supplemental Environmental Project (SEP), is to improve overall quality and sustainability of the designated streams. This project was undertaken in connection with the settlement of an enforcement action, [United States et al.](#)

-more-

DeKalb Stream Cleanup - Page 2

DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and Georgia Water Quality Control Act.

Site Engineering, Inc., a 25-year industry leader in municipal water and sewer restoration projects serves as the primary project contractor, with assistance from several subcontractors.

For additional information on this project, contact Paxton Billingsley, Site Engineering, Inc. project manager, at 770-263-7234; Willie D. Greene, DeKalb County SEP senior project manager, at 770-621-7208; or Pauline A. Andrea, Communications - Capital Improvement Projects (CIP) Division, at 770-724-1406.

DeKalb County is Georgia's third largest county with more than 700,000 residents calling it home. Known for its business and education hub, growing international community and natural wonders, DeKalb County Government is administered by [Interim Chief Executive Officer Lee May](#) and legislative policy is set by a seven-member [Board of Commissioners](#).

Stay informed with news from DeKalb County by signing up at www.onedekalb.com or send a text message with the word ONEDEKALB to 22828 (message and data rates may apply).

###

APPENDIX E
**County news release (live trash and debris removal
operation) – *June 23, 2014***

MEDIA ADVISORY

DeKalb County, Georgia
www.dekalbcountyga.gov



MEDIA CONTACTS

Burke Brennan - Press Secretary
P: 404-371-6305 | M: 678-201-7209

Angela Walton, Communications Manager
P: 404-371-3688 | M: 404-964-0357

FOR IMMEDIATE RELEASE

June 23, 2014

DeKalb to Conduct “Live” Trash and Debris Removal Operation

DECATUR, Ga. – The DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) Division in collaboration with Site Engineering, Inc., will conduct a “live” trash and debris removal operation as part of its stream cleanup initiative.

Who: DeKalb County Department of Watershed Management

What: Supplemental Environmental Project (SEP) trash and debris removal operation

When: Thursday, June 26, 2014
10 a.m.

Where: Moreland Avenue Bridge at South River
2700 Moreland Avenue
Atlanta, Ga. 30135

For more information on this event, contact Paxton Billingsley, Site Engineering, Inc. project manager at 770-263-7234, Willie D. Greene, DeKalb County SEP senior project manager at 770-621-7208, or Pauline A. Andrea, Communications - Capital Improvement Projects (CIP) Division at 770-724-1406.

The Supplemental Environmental Project (**SEP**) is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

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###

APPENDIX F
County news release (SEP update – completion of
Phase II) – *June 30, 2014*



MEDIA CONTACTS

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FOR IMMEDIATE RELEASE

June 30, 2014

DeKalb Completes Phase II Stream Cleanup Operations *South River a focus during Project's final phase*

DECATUR, Ga. – The DeKalb County Department of Watershed Management's Capital Improvement Projects (CIP) Division announces the successful completion of Phase II of its Supplemental Environmental Project (SEP) stream cleanup initiative. Phase II comprises the one-time removal of trash and debris from 65 sites along the banks and streambed of South Fork Peachtree Creek, and was completed in **mid-June 2014**.

"Cleanup operations continue to progress as well as expected," DeKalb County SEP Senior Project Manager Willie Greene said. "Phase II generated 186 tires, 177 tons of trash and 132 tons of debris."

The County has identified 31 trash and debris removal sites along South River for Phase III, which is underway. The anticipated completion date for Phase III is mid-August 2014.

The purpose of the project, designated as a Supplemental Environmental Project (SEP), is to improve overall quality and sustainability of the designated streams. This project was undertaken in connection with the settlement of an enforcement action, United States et al v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and Georgia Water Quality Control Act.

For additional information on this project, contact Pauline A. Andrea, Communications - Capital Improvement Projects (CIP) Division at 770-724-1406.

DeKalb County is Georgia's third largest county with more than 700,000 residents calling it home. Known for its business and education hub, growing international community and natural wonders, DeKalb County Government is administered by Interim Chief Executive Officer Lee May and legislative policy is set by a seven-member Board of Commissioners.

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###

APPENDIX G
Print media article (SEP update), The Decaturish
– *July 11, 2014*

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South Fork Peachtree Creek cleanup is finished

Posted by Dan Whisenhunt July 11, 2014 [0 Comments](#)



Photo of debris in South Fork Peachtree Creek. Photo provided by DeKalb County

DeKalb County says it is done with a court-ordered cleanup of the South Fork Peachtree Creek, an effort that removed 186 tires, 177 tons of trash and 132 tons of debris from the stream.

In a statement, the county said the cleanup process was finished around mid-June. The county was required to do the work as part of a settlement with the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division.

DeKalb County Senior Project Manager Willie Greene, who oversaw the cleanup effort, said the county will spend nearly \$1 million pulling litter out of a total of 141 sites along Peachtree Creek, Snapfinger Creek and South River.

South Fork Peachtree is the second phase of the project, accounting for 65 of those sites. South River, which is Phase III of the project, has 31 sites. That should be finished in mid-August.

“Through an outreach effort to the communities as well as actual surveying and assessment of those streams, we came up with a total of 141 potential sites that were significant accumulations of trash and debris,” Greene said.

Greene said the county pulled mostly tires and trash bags out of South Fork, garbage that was deliberately thrown into the creek.

The cleanups have also produced mattresses and shopping carts.

Education is a big part of the effort, Greene said.

“Once these streams have been cleaned, before we leave we engage the homeowner reps and they energize the residents and we put up ‘No Dumping’ signs and we do everything that we can to educate the homeowners to use some method of disposal other than dumping,” he said.

He said in many instances, there’s ignorance about what kinds of garbage the county will and won’t collect.

“Some of the apartment complexes have not put the word out to residents that if you put your material out here, the county will do it and there’s no charge,” Greene said.

Sally Sears, Executive Director of the South Fork Conservancy, said the group recognizes that the cleanup effort was a punishment for the county’s mishandling of its watershed and sewer systems over the years. She said the county made a sincere effort to listen to the conservancy’s concerns.

“They have been very responsive to our complaints and our questions and I have been paying pretty good attention,” Sears said. “We know that what the environmental cleanup does is important, but what the rest of us do next time is important. We have to make sure we’re not in there putting more trash in the creek. It’s us. What they mostly cleaned out is human litter.”

[DeKalb County South Fork Peachtree Creek](#)

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About Dan Whisenhunt



Dan Whisenhunt is editor and publisher of Decaturish.com.
<https://www.linkedin.com/in/danwhisenhunt>

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APPENDIX H
Print media article, Atlanta Journal Constitution
(SEP update) – *July 11, 2014*

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South Fork Peachtree Creek cleanup is finished

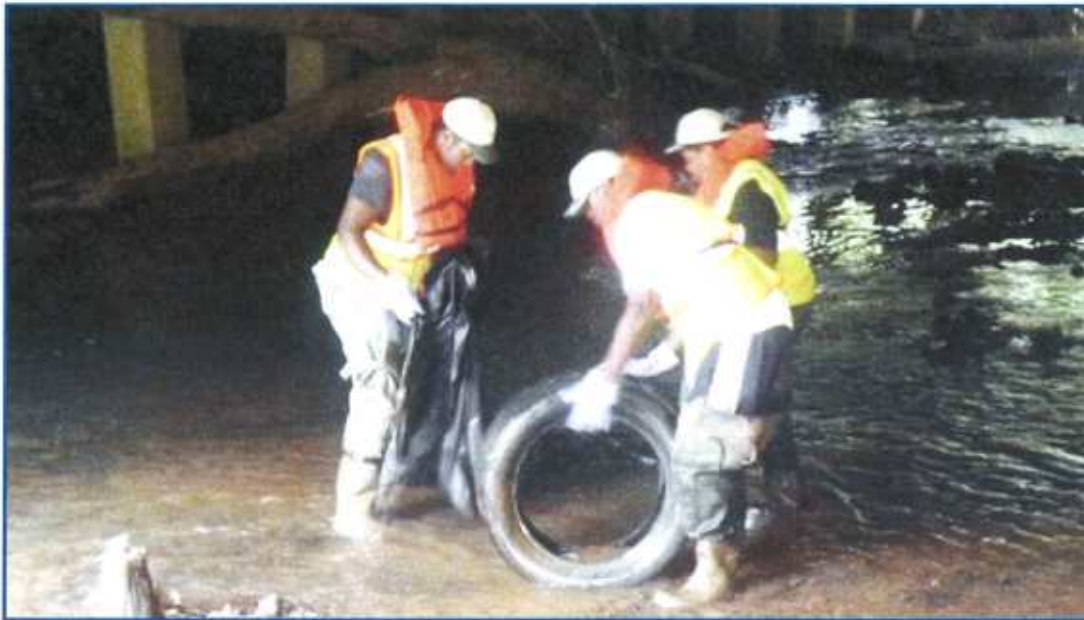
By Decaturish

DeKalb County says it is done with a court-ordered cleanup of the South Fork Peachtree Creek, an effort that removed 186 tires, 177 tons of trash and 132 tons of debris from the stream. In a statement, the county said the cleanup process was finished around mid-June. The county was required to do the work as [] The post South Fork Peachtree Creek cleanup is finished appeared first on Decaturish.

[Read full story](#)

APPENDIX I

Print media article (live trash and debris removal operation), The Champion Newspaper – *July 8, 2014*



Tires, truck seats, tree branches and other debris were removed from the South River June 26 during “alive” trash and debris removal operation.

The operation, which occurred under the Moreland Avenue bridge at South River, was a part of a stream cleanup initiative by the DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) division and Site Engineering, Inc.

Willie Greene, DeKalb County Supplemental Environmental Project senior project manager, said the purpose of the live demonstration was to show the public how the department of watershed management is going about cleaning a number of streams in the county.

“We’re showing the public what we’re concerned about,” Greene said. “We’re concerned about tires that have been illegally dumped. We’re concerned about shopping carts and we’re concerned about wood debris and trash that might be impeding the natural flow of the river.”

Ricky Lawrence Sr. from Site Engineering said the trash and debris stops the water from flowing freely.

“Whenever you have standing water that’s not good,” Lawrence said. “It causes flooding.”



The DeKalb County Department of Watershed Management's capital improvement projects division and Site Engineering Inc. conducted a live trash and debris removal operation as part of its stream cleanup initiative. Photos by Carla Parker

Greene said when an area of a river is cleaned his staff will go back two weeks later to verify that everything was removed.

"But what we do find is that more tires have been dumped in the river," he said. "This is not a large effort on the part of the residents because we're finding commercial tires that have been illegally dumped."

Greene said the and his staff hope to show the community and visitors the importance of clean water.

"There are many areas of South River that are beautiful," he said. "They would be ideal picnic areas. That's the impression we want to give the public. The river is their resource and let's do our best to make sure that we keep it clean."

The Supplemental Environmental Project is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

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1. *Chris Chambers* says:

[July 11, 2014 at 2:45 pm](#)

I'd like to know who to contact when you see suds in the creek.

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Name:

Email:

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APPENDIX J
County news release (Live Stream Cleanup Finale)
– September 16, 2014



MEDIA CONTACTS

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FOR IMMEDIATE RELEASE

Sept. 16, 2014

DeKalb Hosts Live Stream Cleanup Finale

Panola Shoals Trailhead Event Marks End of Stream Cleanup Initiative

DECATUR, Ga. – The DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) Division will host a Supplemental Environmental Project (SEP) Stream Cleanup Finale event **Friday, Sept. 19 at 9 a.m. at Panola Shoals Trailhead, 4432 Panola Road, Lithonia, GA 30038**. This event will mark the completion of the Department of Watershed Management’s stream cleanup initiative that began in April 2014.

“Over the past six months, Site Engineering, Inc. has worked diligently to ensure that the stream cleanup project remains on track and advances according to schedule,” DeKalb SEP Senior Project Manager Willie Greene said. “We are delighted by the project’s progress and look forward to its culmination with this Thursday’s event.”

DeKalb Interim CEO Lee May, DeKalb District Four Commissioner Sharon Barnes Sutton, DeKalb Deputy Chief Operating Officer for Infrastructure Morris Williams, South River Watershed Alliance President Dr. Jacqueline Echols, city of Lithonia Mayor Deborah Jackson and other distinguished guests, will address attendees. The event will culminate with a visit to the southern bank of South River for a live trash and debris removal operation.

For additional information on the event, contact DeKalb SEP Senior Project Manager Willie D. Greene, at 770-621-7208, or Pauline A. Andrea, Communications, Capital Improvement Projects (CIP) Division, at 770-724-1406.

Designated a Supplemental Environmental Project (SEP) comprising specially-designated stream cleanup projects along South River, South Fork Peachtree Creek and Snapfinger Creek, the SEP stream cleanup initiative’s main focus is to improve the overall quality and sustainability of these streams by enhancing the condition of the ecosystem affected by sewer spills. The county agreed to implement this project as a component of the Consent Decree.

--more--

DeKalb Stream Cleanup Finale/Page 2

Site Engineering, Inc., a 25-year industry leader in municipal water and sewer restoration projects, serves as the primary project contractor, with assistance from several subcontractors.

The Supplemental Environmental Project (SEP) is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

The Capital Improvement Projects (CIP) Division is a unit of the Department of Watershed Management. Currently overseeing a 5-year, \$1.34 billion countywide capital improvement program comprising the repair and upgrade of the county's water and wastewater infrastructure, the division's main goal is to create sustainable growth and development of the county's \$5 billion water and wastewater assets serving the county's more than 700,000 residents.

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APPENDIX K
Print media article (Live Stream Cleanup Finale),
Atlanta Journal Constitution – *September 16, 2014*

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Posted: 4:02 p.m. Tuesday, Sept. 16, 2014

County by county news for Wednesday

COBB

Powder Springs city manager to resign Dec. 1

Powder Springs City Manager Brad Hulsey, also the city's former mayor, will resign on Dec. 1 after two and a half years.

Pam Conner, the city's director of the Community Development Department, will become the interim city manager on that date. Hulsey said "it's the right time" as he deals with health issues, writes a book on his family history and rekindles his insurance business. Carolyn Cunningham for the AJC

Police seek prankster in school lockdown

A day after a fake 911 call reporting a stabbing at Marietta Middle School, police are still searching for the prankster.

The hoax resulted in a lockdown of the middle school just after 1:30 p.m. Monday, according to the Marietta police.

A student who was reported to have a knife, did not have a knife and was not associated with the call. Police searched the school Monday and came up empty-handed. Staff

Forum to cover Braves move and traffic

Kennesaw State University will host a public forum on how the Atlanta Braves' move to Cobb will affect traffic and transportation 6-8:30 p.m. Thursday at the KSU Center, 3333 Busbee Drive, Kennesaw. Speakers include Cobb Department of Transportation head Faye DiMassimo and Cumberland Community Improvement District director Malaika Rivers. Information: www.sbdc.kennesaw.edu/transportationTownHall.htm.

Tucker McQueen for the AJC

Council appoints board members

The Marietta City Council has appointed Bob Barnes, Ward 6, to the Construction Board of Adjustment and Appeals for a five-year term. The board hears appeals and considers variances of construction codes. Becky Nash Paden, also Ward 6, was reappointed to the Historic Preservation Commission for a three-year term to protect historic sites, districts and buildings in the city. Information: www.mariettaga.gov.

Tucker McQueen for the AJC

Marietta meeting to update park projects

Marietta officials will give updates on park bond and SPLOST projects at a town hall meeting 6:30 p.m. Thursday at the Elizabeth Porter Recreation Center, 370 Montgomery St. The center will be razed and redeveloped in a \$3.5 million project that will front North Marietta Parkway. Park projects include a \$2.6 million recreation building renovation at Custer Park and \$1.1 million redevelopment of the Lawrence Street Recreation Center. Marietta voters passed a \$25 million parks bond in 2009.

Tucker McQueen for the AJC

'Citizens' deadline is Friday

The Cobb Chamber of Commerce is accepting nominations for Citizens of the Year awards until noon Friday.

Nominations are being accepted for the 2014 Acworth, East Cobb, Kennesaw, Marietta, Smyrna and West Cobb Citizens of the Year. Information: cobbchamber.org/Member-Services/Citizens-of-the-Year.aspx, tdawson@cobbchamber.org.

Carolyn Cunningham for the AJC

GWINNETT

Schools seek \$11.3 million for renovation projects

Gwinnett County school district officials want to spend \$11.3 million on renovating one school and adding classrooms to two high schools and two middle schools and gymnasiums at five middle schools and four high schools. The projects are part of Gwinnett's list of capital improvement plans that would begin during the 2015-16 school year.

School board members are scheduled to vote on the request at the board's monthly meeting at 7 p.m. Thursday. The meeting will be at the district's headquarters, 437 Old Peachtree Road NW, Suwanee. Eric Sturgus

Suwanee wins awards for city publications

Suwanee's 'Connects' community newsletter has received two awards of excellence from the City-County Communications and Marketing Association. Comprehensive Annual Financial Report received excellence in financial reporting recognition and its annual report earned a Popular Annual Financial Reporting award from the Government Finance Officers Association. Woolstock event, received a Georgia Downtown Conference award of excellence in August. Karen Huppertz for the AJC

Community garden ready for fall planting

The Community Garden at Snellville, built by Eagle Scout Michael Habetler and a group of Scouts, are ready to be planted. Since the Community Garden rental year is April 1 through March 30, the beds will be rented for half the annual rate of \$50 for a Snellville resident and \$65 for those living outside city limits.

Information: www.snellvillecommunitygarden.com for applications and policies.

Karen Huppertz for the AJC

Poll workers needed for November election

Lilburn is taking applications for a poll manager, assistant poll manager and workers for the Nov. 4 election. Workers must be US citizens, at least 16 years old and live in Gwinnett County. Information and applications: www.cityoflilburn.com/jobs.aspx. Karen Huppertz for the AJC

Eat pancakes and learn about aviation

The Experimental Aircraft Association will hold its monthly pancake breakfast 9 a.m. to noon Saturday at EAA 690 Hangar in the Sports Aviation Complex at Briscoe Field in Lawrenceville. At 10:30, the EAA will present a short aviation presentation and volunteer pilots will provide free opportunities for children to experience flying through the organization's Young Eagle program. Pancakes: \$6 adults, \$3 children. Information: www.690.eaachapter.org.

Karen Huppertz for the AJC

Braselton offers free movie under the stars

Braselton families are invited to enjoy the next Movie under the Stars at dusk, Saturday in Braselton Park in historic downtown. The PG rated "How to Train Your Dragon 2" runs 102 minutes. Chairs and blankets welcome. Concessions available.

Information: Braselton Visitors Bureau at www.downtownbraselton.com.

Karen Huppertz for the AJC

NORTHSIDE

Cumming native's death remains mystery

Police in Statesboro said Tuesday that they have not yet determined what killed a Georgia Southern University student from Cumming late last week.

Brooke Edwards, 18, was found unresponsive in her off-campus apartment Friday, and was later pronounced dead.

Edwards was a sophomore biology student.

A candlelight vigil was held in the teen's memory Monday night at the university. Police are awaiting autopsy and toxicology results from the GBI Medical Examiner and Crime Lab. Mike Morris

Variable speed system for I-285 comes soon

The Georgia DOT has finished installing 176 electronic speed limit signs in 88 spots on Interstate 285 north of I-20. They'll test the variable speed limit system during off hours and go live late September or early October. The top end speed limit will then rise to 65 but signs will lower it in the event of bad weather or a wreck. Mark Woolsey for the AJC

Council amends open container law

The Alpharetta City Council Monday night OK'd an expansion of the city council's open container downtown district, where residents can carry alcohol while going between restaurants, galleries and other attractions. Assistant City Administrator James Drinkard says the southern boundary's been extended from Marietta Street to Old Milton Parkway between Roswell Street and Ga. 9, to take in new restaurants. The measure allows watering holes to serve beer and wine in plastic to-go cups up to 16 ounces.

Mark Woolsey for the AJC

Cherokee seeks substitute teachers

The Cherokee County School district is seeking substitute teachers to work this academic year.

Candidates must have at least a high school diploma or GED. Pay ranges from \$60-\$70 per day. Information: www.cherokee.k12.ga.us/employment Wayne Washington

Historic district public hearing set

The Milton City Council and Historic Preservation Commission have set a joint public hearing for 5-6 p.m. Monday at City Hall, 13000 Deerfield Parkway, to present information and get feedback on the proposed creation of a Crabapple Historic District. Crabapple Village, on Milton's southwest side, dates from the 1850s. Some landowners have expressed reservations about review power the historic commission would have over changes to existing structures and standards for new construction in the district, which is being built up as the city's downtown and government center.

Mark Woolsey for the AJC

Senior health event planned

Johns Creek's active adult center will host a free geriatric health and wellness event from 1-4 p.m. Oct. 10 at Park Place at Newtown School, 3125 Old Alabama Road. A variety of free health screenings will be offered, including blood pressure, bone density, hearing and vision. Exhibits and vendors will also be on hand. Seniors can RSVP by emailing ParkPlace@JohnsCreekGA.gov or calling 678-512-3430. Mark Woolsey for the AJC

ATLANTA

Mad Ants to hold local tryouts

The Fort Wayne (Ind.) Mad Ants, the NBA D-League affiliate of the Hawks, will hold an open tryout in Atlanta on Oct. 4.

The tryout, one of several the team is holding nationwide, will be held at the Suwanee Sports Academy from 1-5 p.m. Players will have an opportunity to showcase their talents for the Fort Wayne coaching staff with for a possible invitation to the team's training camp in November.

Interested players should submit the official registration and release forms, in addition to a \$150 non-refundable fee to the Mad Ants office. Application forms are available at the Mad Ants' website at www.fortwaynehoops.com. All questions should be directed to Kevin Bloom at (260) 469-4667, extension 106. Chris Vivlamore

Muslim group hosts day of peace

To celebrate the International Day of Peace, admission will be free from 10 a.m. to 5 p.m. Sunday at The Breman Jewish Heritage and Holocaust Museum, 1440 Spring St. NW. with sponsorship of the Muslim appreciation organization, One Region Atlanta.

The Breman's feature exhibition is "PEACE: What Does it Mean to You?," continuing through Oct. 5.

Also, the museum will host the Atlanta Compassion Games Closing Ceremonies at 2 p.m. Sunday, including live music and group activities.

Information: OneRegionAtlanta.org/background, thebreman.org, compassiongames.org/atlanta-ga. Carolyn Cunningham for the AJC

Holocaust exhibit

at The King Center

An exhibit from the Museum of Tolerance will open with a ribbon-cutting ceremony at 5:30 p.m. Thursday at The King Center, 449 Auburn Ave. NE.

"Courage to Remember: The Holocaust 1933-1945" will be open free 9 to 5 daily through Oct. 2.

Sponsors are the SNCF / French National Railway and Simon Wiesenthal Center.

Information: thekingcenter.org. Carolyn Cunningham for the AJC

DEKALB

Hotel murder victims identified

DeKalb County police Tuesday identified the man and woman found dead Monday afternoon inside a Panola Road hotel room as Nathaniel Dumas, 34, and 31-year-old Marquita Smith, both of Stone Mountain.

A maid at the Knights Inn found the bodies around 12:30 p.m. Monday. Both had been shot.

Police believe they had been dead for some time. Detectives don't have a clear motive for the shootings. Rhonda Cook, Mike Morris

Sewer line holds up Trinity Triangle

Enlarging and upgrading a DeKalb County sewer line on Maple Street is the primary holdup for construction on Decatur's Trinity Triangle Development.

Centro Development principal owner Kent Collins said his company is negotiating with the county and city on "how much to pay" regarding the sewer, which wasn't replaced when the city upgraded Maple's storm water pipes over a year ago.

The old Dairy Queen building was recently demolished, and on-site grading may begin next week. But Collins is still unsure about when actual construction may start. Bill Banks for the AJC

Doraville creates school, stormwater committees

Doraville City Council extended its applications deadline for a schools task force committee to Sept. 30.

Three council members intend to serve on the committee. The prospective nine-member task force will provide city council with reports on Doraville's academic environment.

On Monday, City Council also voted to create a five-member Stormwater Advisory Committee of residents and commercial property owners to provide input on capital improvement projects.

Information: www.doravillega.us.

Adrienne Murchison for the AJC

Improvements start at Rutledge Park

Rutledge Park improvements in historic Druid Hills officially start with a ground breaking ceremony 10 a.m. Wednesday at 1812 Ridgewood Drive.

Phase one on the undeveloped 1.8-acre parcel includes a trail from the road that leads to the middle of the park and a playground. An upper level will have additional walking trails and planted trees.

Phase two park improvements include more tree planting and creek improvements.

The plans were developed with public input and Friends of Rutledge Park.

Information: www.rutledgepark.org.

Adrienne Murchison for the AJC

Stream cleanup project completed

DeKalb County's Department of Watershed Management will complete its stream cleanup initiative 9 a.m. Friday at Panola Shoals Trailhead, 4432 Panola Road, in Lithonia.

DeKalb started cleanups last April, under the Supplemental Environmental Project, along areas of South River, South Fork Peachtree Creek and Snapfinger Creek, mainly to enhance the ecosystem affected by sewer spills.

DeKalb Interim CEO Lee May, DeKalb, Lithonia Mayor Deborah Jackson and other officials will attend the event.

Adrienne Murchison for the AJC

SOUTHSIDE

McIntosh High parade prompts detour

McIntosh High School's Homecoming parade will affect Peachtree City traffic tonight starting at 4:30 p.m. on Walt Banks Road. The procession will travel along parts of Peachtree Parkway, Stevens Entry and Prime Point until around 5 p.m. Drivers are asked to use alternate routes around the area and expect short-term delays. Jill Howard Church for the AJC

Clayton State to host film sessions

The Clayton State University Film and Digital Media Center at Downs Center, Morrowhosts free information sessions. "The Post Production Film Editing: Intro to Editing Course" session is 1 p.m. to 3 p.m. Saturday; "Digital Music & Video Production and Entertainment Business Certificate" program is 10 a.m. to noon Saturday. Digital Film Tech is 6 to 8 p.m. Sept. 25 at SoChi Gallery, 534 2nd St., Macon. Details: 678 466-5085 or www.clayton.edu/digital-media-center. Tammy Joyner

Rep. Stovall to host job fair Thursday

State Rep. Valencia Stovall, D-Lake City, will host the 2nd Annual Career and Job Fair on Thursday from 1 p.m.-4 p.m. at Paradise Gymnasium & Cultural Center in Forest Park.

Rep. Stovall's 2013 job fair attracted over 200 attendees and 30 employers, and this year's attendance is expected to be even larger. Partners for this year's event include Sisters In Action, Inc., Paradise CDC, Georgia Department of Labor and the Clayton Career Resource Center.

Citizens in District 74 are encouraged to attend. District 74 covers parts of Morrow, Lake City, Forest Park, Riverdale, and College Park.

Details: 678-632-2825 or 404-656-0314 or Valencia.stovall@house.ga.gov. Tammy Joyner

East Point screens outdoor film

The city of East Point will screen "How to Train Your Dragon 2" about 8:30 p.m. Friday in the outdoor Commons area, 2757 Main St. Children's activities start at 7 p.m. Blankets and lawn chairs are welcome. Concessions available for purchase. Free

Information: www.downtowneastpoint.com/fridaynightflicks.

Adrienne Murchison for the AJC

APPENDIX L
Media advisory (Live Stream Cleanup Finale)
– September 18, 2014

MEDIA ADVISORY

DeKalb County, Georgia
www.dekalbcountyga.gov



MEDIA CONTACTS

[Burke Brennan](#), Press Secretary
P: 404-371-6305 | M: 678-201-7209

[Angela Walton](#), Communications Manager
P: 404-371-3688 | M: 404-964-0357

FOR IMMEDIATE RELEASE

Sept. 18, 2014

DeKalb to Mark Completion of Stream Cleanup Initiative *Live Stream Cleanup Finale set for Panola Shoals Trailhead at South River*

DECATUR, Ga. – The DeKalb County Department of Watershed Management’s Capital Improvement Projects (CIP) Division will host a Supplemental Environmental Project (SEP) Stream Cleanup Finale **Friday, Sept. 19, at 9 a.m.**

Who: DeKalb County Department of Watershed Management – Capital Improvement Projects (CIP) Division
DeKalb County Interim CEO Lee May
DeKalb County District Four Commissioner Sharon Barnes Sutton
DeKalb County Deputy Chief Operating Officer for Infrastructure Morris Williams

What: Supplemental Environmental Project (SEP) Stream Cleanup Finale

When: Friday, Sept. 19
9 a.m.

Where: Panola Shoals Trailhead
4432 Panola Road
Lithonia, GA 30038

For additional information on the event, contact DeKalb SEP Senior Project Manager Willie Greene, at 770-621-7208, or Pauline A. Andrea, Communications - Capital Improvement Projects (CIP) Division, at 770-724-1406.

The Supplemental Environmental Project (SEP) is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

--more--

SEP Stream Cleanup Finale/page 2

The Capital Improvement Projects (CIP) Division is a unit of the Department of Watershed Management. Currently overseeing a 5-year, \$1.34 billion countywide capital improvement program comprising the repair and upgrade of the county's water and wastewater infrastructure, the division's main goal is to create sustainable growth and development of the county's \$5 billion water and wastewater assets serving the county's more than 700,000 residents.

DeKalb County is Georgia's third largest county with more than 700,000 residents calling it home. Known for its business and education hub, growing international community and natural wonders, DeKalb County Government is administered by [Interim Chief Executive Officer Lee May](#) and legislative policy is set by a seven-member [Board of Commissioners](#).

Stay informed with news from DeKalb County by signing up at www.onedekalb.com or send a text message with the word ONEDEKALB to 22828 (message and data rates may apply).

###

APPENDIX M
Print media article, Crossroads News
(Live Stream Cleanup Finale) – *September 26, 2014*

CROSSROADSNEWS

Cleanup of South River, 2 creeks completed

9/26/2014, 7:23 a.m.



The \$1 million cleanup project removed 4,124 tires from the South River. The cleanup also included Snapfinger and South Fork Peachtree creeks. Photo by [Jennifer Ffrench-Parker](#)

Even as DeKalb officials were celebrating a successful cleanup of the South River, Snapfinger Creek and South Fork Peachtree Creek on Sept. 19, they were bemoaning the continuous dumping of tires into the county's waterways.



A few of the thousands of discarded tires before the cleanup.



After the tire cleanup.

The finale of the county's Supplemental Environmental Project Stream Cleanup, mandated by a Consent Decree with the U.S. Environmental Protection Agency, took place at the Panola Shoals Trailhead on the banks of the South River in Lithonia with speeches, television interviews, and a short walk to the river by the adventurous.

Interim CEO Lee May; District 4 Commissioner Sharon Barnes Sutton; Lithonia Mayor Deborah Jackson; CIP Advisory Board member Sally Sears; and officials from Watershed Management and contractors CERM, CH2M and Site Engineer were present for the ceremony highlighting the 141 sites that were cleaned up at a cost of \$1 million between March and September.

Over the six months, contractors retrieved more than 5,260 tires and more than 507 tons of trash and wood debris from the three waterways.

The stream cleanup was imposed on DeKalb County as part of a 2010 Consent Decree signed with the EPA and the Georgia Environmental Protection Division for fouling the state's waters in violation of the federal Clean Water Act and the Georgia Water Quality Control Act.

The decree included \$1.34 billion to overhaul the county's water and sewer systems; a civil penalty of \$453,000; and \$600,000 to clean up the South River, South Fork Peachtree Creek, and Snapfinger Creek.

The county added the extra \$400,000 to the cleanup costs when the number of sites to be cleaned ballooned from 94 to 141.



Jimmy Thomas

Jimmy Thomas, quality and control manager for CERM, a CIP project management, said the vast majority of the tires – 4,124 – came from the South River.

“Let me say this again,” he said, “4,124 tires were removed from this river. That is just years and years of illicit dumping.”

Thomas said the goal of the Supplemental Environmental Project was to clean up the river and creeks and give them back to the community.

“It is fantastic that they did it on time, within budget and without any safety incident,” he said.

Thomas said the communities along the river and streams bought into the project. He said that once they removed the debris, residents along Waldrop Road posted handwritten “Please Do Not Pollute Our River” signs.

“The community has bought in,” he said. “What we need to do is continue educating our community and letting them know that this natural resource is here for them and if we can get more communities to buy in, just like we did at Waldrop Drive, we will have more success.”

Even though the county had to be pushed by the EPD and the EPA to clean up the streams, May said it stepped up to the plate and that streams and the river are better for it. He recalled how nasty the river was in the summer of 2010 when people were swimming in it.

[Read More >>](#)



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APPENDIX N
Print media article, The Champion Newspaper
(Live Stream Cleanup Finale) – *September 29, 2014*

TheChampion

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A message from the city of Brookhaven's mayor, J. Max Davis

Brookhaven GEORGIA

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2

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1

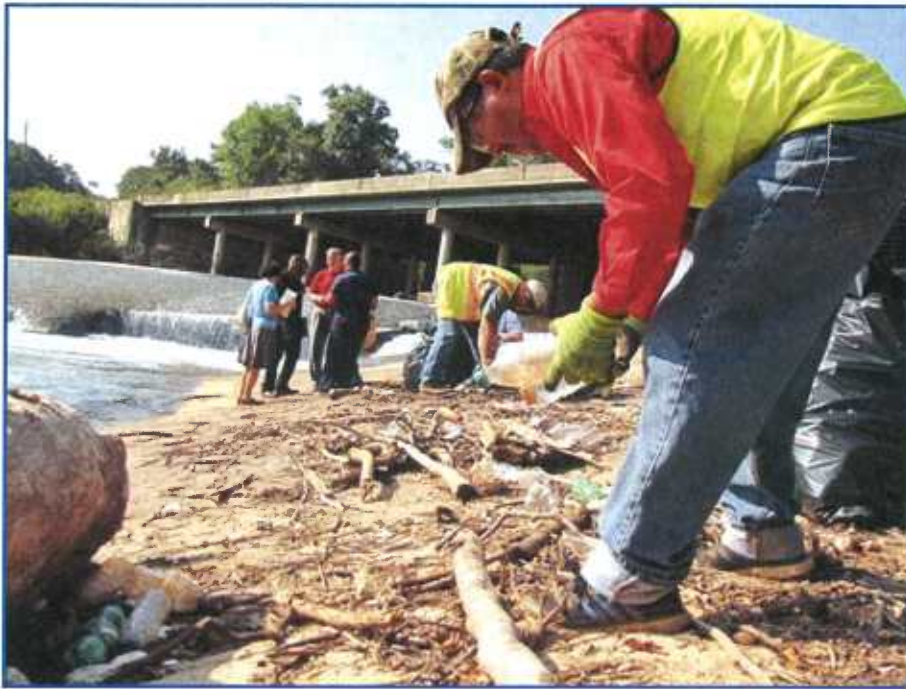
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0

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[A clean river runs through it](#)

Posted by [Andrew Cauthen](#) on September 29, 2014 in [DeKalb News](#) [No comments](#)



Residents in south DeKalb want others to know that a river runs through it and the river is clean.

Residents and DeKalb County officials were on hand Sept. 19 for the “live stream cleanup finale” at the Panola Shoals Trailhead at South River.

Interim DeKalb County CEO Lee May said he remembers seeing a picture few years ago of people swimming in the polluted South River.

“It was nasty then,” May said. “You had tires; you had debris; you had trash down there. This is still not something that people should be in swimming, but at least...this is a beautiful picture of our environment.”

May said the project, which began in April, is “improving the quality and sustainability of our streams and rivers. And that’s a good thing.

“We are protecting our environment [and] we are concerned about DeKalb County’s environment, not just now, but for many years to come,” May said. The streams “are better off as a result of the work that we have done.”

The South River cleanup was part of the Supplemental Environmental Project undertaken in connection with a consent decree between the federal government and DeKalb County. The legal action was taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

Under the consent decree, the county agreed to allocate \$600,000 to clean up several of its streams.

“The problem was there was work than money committed,” said Jimmy Thomas, an environmental group manager for Corporate Environmental Risk Management, adding that the goal of the cleanup was to “enhance the conditions of ecosystem and give it back to our community.”

After studying the problem, it was determined that were 141 sites that needed to be cleaned in the South River, Snapfinger Creek and South Fork Peachtree Creek areas, raising the cost of the project to approximately \$1 million.

Site Engineering Inc., the contractors that performed the work, completed the six-month cleanup “on time, within budget and without any safety incidents,” Thomas said.

Morris Williams, the county's deputy chief operating officer for infrastructure, said the cleanup was "a legally mandated activity that we have to do as a result of our consent decree. And that's not a bad thing, that's a good thing. Everything we're doing is here to clean up and sustain DeKalb for future years."

While the event was billed as a finale, Jacqueline Echols, president of the South River Watershed Alliance, said, "I honestly hope, as an advocate for the river, that this is a beginning."

Echols encouraged residents to "embrace the river as a resource."

"Not every community in this country has a river in its midst and great things can come of a community that can claim a river and all of the opportunities that it brings," Echols said.

When this river is treated as a resource you won't have as much of a need for supplemental environmental projects anymore," Echols said. "They pretty much become unnecessary because you become proactive about supporting this very important natural resource."

"I remember how polluted this river was," said Commissioner Sharon Barnes Sutton. "It really was an eyesore."

218 total views, 1 views today

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**A message from the city
of Brookhaven's mayor,
J. Max Davis**



[Read More](#)



APPENDIX O
Post-event news release (Live Stream Cleanup Finale)
– October 6, 2014



MEDIA CONTACTS

[Burke Brennan](#), Press Secretary
P: 404-371-6305 | M: 678-201-7209

FOR IMMEDIATE RELEASE

Oct. 6, 2014

DeKalb Celebrates End of Stream Cleanup Initiative *Project's Trash and Debris Removal Operations a Huge Success*

DECATUR, Ga. – The DeKalb County Department of Watershed Management's Capital Improvement Projects (CIP) Division recently celebrated the completion of the trash and debris removal operations of its Supplemental Environmental Project (SEP) stream cleanup initiative. The event was held at **Panola Shoals Trailhead at South River in Lithonia.**

DeKalb Interim CEO Lee May, DeKalb District Four Commissioner Sharon Barnes Sutton, DeKalb Deputy Chief Operating Officer for Infrastructure Morris Williams, South River Watershed Alliance President Dr. Jacqueline Echols, city of Lithonia Mayor Deborah Jackson, DeKalb Chamber of Commerce Chairman-elect Al Edwards and DeKalb SEP Senior Project Manager Willie D. Greene, addressed event attendees. DeKalb County staff, including department directors, and DeKalb County residents, were also present at the event.

"We are pleased with the outcome of this critical project," Interim CEO May said. "Now, we must focus on continuing public education and engage county residents in our quest to make our water supply a more sustainable resource."

The event culminated with a visit to the southern bank of South River for a live and final trash and debris removal operation. The CIP Division is now tasked with producing an "After Action" report, based on a federal and state mandate. This report will provide a summary of the SEP's overall operations, including project costs, a description of the environmental and public health benefits resulting from the project's implementation, and certification that the SEP has been fully implemented pursuant to the provisions of the county's Consent Decree.

Designated a Supplemental Environmental Project (SEP) comprising specially-designated stream cleanup projects along South River, South Fork Peachtree Creek and Snapfinger Creek, the SEP stream cleanup initiative's main focus is to improve the overall quality and sustainability of these streams by enhancing the condition of the ecosystem affected by sewer spills. The county agreed to implement this project as a component of the Consent Decree.

- more -

DeKalb Stream Cleanup Finale/Page 2



DeKalb Interim CEO Lee May delivers keynote speech at Stream Cleanup Finale event, accompanied by (From left) Bishop Ricky Lawrence, DeKalb Deputy Chief Operating Officer for Infrastructure Morris Williams, DeKalb District Four Commissioner Sharon Barnes Sutton and CIP Program Director Kenneth Saunders.

For additional information on the Supplemental Environmental Project (SEP), contact DeKalb SEP Senior Project Manager Willie D. Greene, at 770-621-7208 or Pauline A. Andrea, Communications, Capital Improvement Projects (CIP) Division, at 770-724-1406.

The Supplemental Environmental Project (SEP) is being undertaken in connection with the settlement of an enforcement action United States et al. v. DeKalb County, Georgia, taken on behalf of the U.S. Environmental Protection Agency and the Georgia Environmental Protection Division, under the Clean Water Act and the Georgia Water Quality Control Act.

The Capital Improvement Projects (CIP) Division is a unit of the Department of Watershed Management. Currently overseeing a 5-year, \$1.34 billion countywide capital improvement program comprising the repair and upgrade of the county's water and wastewater infrastructure, the division's main goal is to create sustainable growth and development of the county's \$5 billion water and wastewater assets serving the county's more than 700,000 residents.

DeKalb County is Georgia's third largest county with more than 700,000 residents calling it home. Known for its business and education hub, growing international community and natural wonders, DeKalb County Government is administered by [Interim Chief Executive Officer Lee May](#) and legislative policy is set by a seven-member [Board of Commissioners](#).

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###

APPENDIX P
Site Engineering, Inc. invoices 1, 2 and 3

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
DeKalb County, GA
1641 Roadhaven Drive
Stone Mountain, GA 30083

FROM CONTRACTOR:
Site Engineering, Inc.
7025 Best Friend Road
Atlanta, GA 30340
770-263-7234

PROJECT: One Time Stream Cleanup of
South Fork Peachtree Creek,
Snapfinger Creek, and South River

ENGINEER: CERM
2296 Henderson Mill Road
Suite 200
Atlanta, GA 30345

PAYMENT REQUEST NO: 1

PERIOD TO: 4/8/2014 to 5/13/2014

PROJECT NO: 14-902770

CONTRACT NTP: 4/8/2014

APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet attached.

1. ORIGINAL CONTRACT SUM	\$	966,237.50
2. Net change by Change Orders	\$	_____
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$	966,237.50
4. TOTAL COMPLETED TO DATE	\$	269,133.00
5. RETAINAGE:		
a. 10 % of Completed Work (Column D + E on Cost Detail Sheet)	\$	0.00
b. _____ % of Stored Material (Column F on Cost Detail Sheet (Lump Sum))	\$	0.00
Total Retainage (Lines 5a + 5b or Total in Column I of Cost Detail Sheet)	\$	0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	\$	269,133.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	_____
8. CURRENT PAYMENT DUE	\$	269,133.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	697,104.50

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: *PAH* Date: 7/17/2014

State of: Georgia County of: _____
Subscribed and sworn to before me this 17th day of July, 2014

Notary Public: *Diane Bonilla*

My Commission expires: 3-30-17

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Construction Manager certifies to the Owner that to the best of the Construction Manager's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$269,133.00

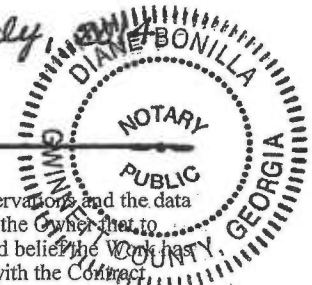
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that changed to conform to the amount certified.)

CONSTRUCTION MANAGER:

By: *[Signature]* Date: 07-18-2014

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Consultant under this Contract.

*Signed by Ms Fox-Lewis
this date.*





**SITE
ENGINEERING INC.**

7025 Westfield Rd. • Atlanta, GA 30340 • 770-263-7650 • Fax • 770-263-0892

Pay Request: 1
 Project: One Time Stream Cleanup of
 South Fork Peachtree Creek,
 Project No.: 14-902770

Item No.	Item	Total Estimate				Previous Applications		Current Application		Total Performed	
		Qty.	Unit	Unit Cost	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Waterline Installation Base Bid											
Bid A - South Fork Peachtree Creek Cleanup											
1	Mobilization	1	LS	346,190.00	346,190.00						
2	Tire Collection, Transport, and Disposal	309	EA	8.00	2,472.00						
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	55	TON	175.00	9,625.00						
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	120	CY	50.00	6,000.00						
5	Demobilization	1	EA	10,000.00	10,000.00						
Bid B - Snapfinger Creek Cleanup											
1	Mobilization	1	LS	234,200.00	234,200.00			1.00	234,200.00	1.00	234,200.00
2	Tire Collection, Transport, and Disposal	196	EA	8.00	1,568.00			951.00	7,608.00	951.00	7,608.00
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	27	TON	175.00	4,725.00			67.00	11,725.00	67.00	11,725.00
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	54	CY	50.00	2,700.00			112.00	5,600.00	112.00	5,600.00
5	Demobilization	1	EA	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00
Bid C - South River											
1	Mobilization	1	LS	284,220.00	284,220.00						
2	Tire Collection, Transport, and Disposal	4970	EA	8.00	39,760.00						
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	17	TON	175.00	3,027.50						
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	35	CY	50.00	1,750.00						
5	Demobilization	1	EA	10,000.00	10,000.00						
TOTAL					966,237.50			269,133.00		269,133.00	

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
DeKalb County, GA
1641 Roadhaven Drive
Stone Mountain, GA 30083

FROM CONTRACTOR:
Site Engineering, Inc.
7025 Best Friend Road
Atlanta, GA 30340
770-263-7234

PROJECT: One Time Stream Cleanup of
South Fork Peachtree Creek,
Snapfinger Creek, and South River

ENGINEER: CERM
2296 Henderson Mill Road
Suite 200
Atlanta, GA 30345

PAYMENT REQUEST NO: 2

PERIOD TO: 5/14/2014 to 6/20/2014

PROJECT NO: 14-902770

CONTRACT NTP: 4/8/2014

APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet attached.

1. ORIGINAL CONTRACT SUM	\$	966,237.50
2. Net change by Change Orders	\$	966,237.50
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	966,237.50
4. TOTAL COMPLETED TO DATE	\$	664,397.11
5. RETAINAGE:		
a. 10 % of Completed Work	\$	0.00
(Column D + E on Cost Detail Sheet)		
b. % of Stored Material	\$	0.00
(Column F on Cost Detail Sheet (Lump Sum))		
Total Retainage (Lines 5a + 5b or		
Total in Column I of Cost Detail Sheet)	\$	0.00
6. TOTAL EARNED LESS RETAINAGE	\$	664,397.11
(Line 4 less Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR	\$	269,133.00
PAYMENT (Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE	\$	395,264.11
9. BALANCE TO FINISH, INCLUDING RETAINAGE	\$	395,264.11
(Line 3 less Line 6)		

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: PAH Date: 6/27/2014

State of: Georgia County of: DeKalb
Subscribed and sworn to before me this 27th day of June, 2014
Notary Public: Teresa DeChiara
My Commission expires: 3/13/2018

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Construction Manager certifies to the Owner that to the best of the Construction Manager's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the Amount Certified.

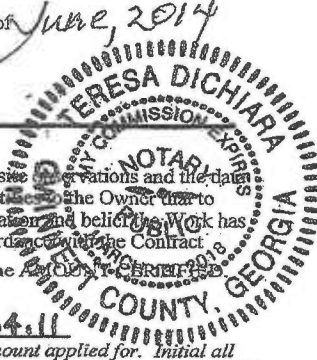
AMOUNT CERTIFIED \$ 395,264.11

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that changed to conform to the amount certified.)

CONSTRUCTION MANAGER:

By: Jo HES Date: 01-17-2014

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Consultant under this Contract.





Pay Request: 2
 Project: One Time Stream Cleanup of South Fork Peachtree Creek,
 Project No.: 14-902770

Item No.	Item	Total Estimate				Previous Applications		Current Application		Total Performed	
		Qty.	Unit	Unit Cost	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Waterline Installation Base Bid											
Bid A - South Fork Peachtree Creek Cleanup											
1	Mobilization	1	LS	346,190.00	346,190.00			1.00	346,190.00	1.00	346,190.00
2	Tire Collection, Transport, and Disposal	309	EA	8.00	2,472.00			186.00	1,488.00	186.00	1,488.00
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	55	TON	175.00	9,625.00			177.00	30,975.00	177.00	30,975.00
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	120	CY	50.00	6,000.00			132.22	6,611.11	132.22	6,611.11
5	Demobilization	1	EA	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00
Bid B - Snapfinger Creek Cleanup											
1	Mobilization	1	LS	234,200.00	234,200.00	1.00	234,200.00			1.00	234,200.00
2	Tire Collection, Transport, and Disposal	196	EA	8.00	1,568.00	951.00	7,608.00			951.00	7,608.00
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	27	TON	175.00	4,725.00	67.00	11,725.00			67.00	11,725.00
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	54	CY	50.00	2,700.00	112.00	5,600.00			112.00	5,600.00
5	Demobilization	1	EA	10,000.00	10,000.00	1.00	10,000.00			1.00	10,000.00
Bid C - South River											
1	Mobilization	1	LS	284,220.00	284,220.00						
2	Tire Collection, Transport, and Disposal	4970	EA	8.00	39,760.00						
	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other										
3	Miscellaneous Debris	17	TON	175.00	3,027.50						
	Woody Debris That is Cut and Stacked On Resident's Property										
4	With Owner's Permission	35	CY	50.00	1,750.00						
5	Demobilization	1	EA	10,000.00	10,000.00						
TOTAL					996,237.50			395,264.11		664,397.11	

966237.50 (96)

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: DeKalb County, GA 1641 Roadhaven Drive Stone Mountain, GA 30083 FROM CONTRACTOR: Site Engineering, Inc. 7025 Best Friend Road Atlanta, GA 30340 770-263-7234	PROJECT: One Time Stream Cleanup of South Fork Peachtree Creek, Snapfinger Creek, and South River ENGINEER: CERM 2296 Henderson Mill Road Suite 200 Atlanta, GA 30345	PAYMENT REQUEST NO: 3 PERIOD TO: 6/21/2014 to 9/5/2014 PROJECT NO: 14-902770 CONTRACT NTP: 4/8/2014
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APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet attached.

1. ORIGINAL CONTRACT SUM		\$	966,237.50	
2. Net change by Change Orders		\$	43,281.75	
3. CONTRACT SUM TO DATE (Line 1 ± 2)		\$	1,009,519.25	
4. TOTAL COMPLETED TO DATE	\$	\$	1,008,675.30	
5. RETAINAGE:				
a. 10 % of Completed Work	\$	0.00		
(Column D + E on Cost Detail Sheet)				
b. % of Stored Material	\$	0.00		
(Column F on Cost Detail Sheet (Lump Sum))				
Total Retainage (Lines 5a + 5b or Total in Column I of Cost Detail Sheet)	\$	0.00		
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	\$	1,008,675.30		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	664,397.11		
8. CURRENT PAYMENT DUE	\$	344,278.19		
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	843.95		

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

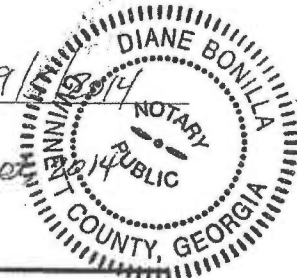
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: [Signature] Date: 9/15/2014

State of: Georgia County of: Spalding
 Subscribed and sworn to before me this 5th day of Sept
 Notary Public:

My Commission expires: 3-30-17



CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Construction Manager certifies to the Owner that to the best of the Construction Manager's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 344,278.19

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that changed to conform to the amount certified.)

CONSTRUCTION MANAGER:

By: [Signature] Date: 10-14-14

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Consultant under this Contract.



**SITE
ENGINEERING INC.**

7025 West Friend Rd. • Atlanta, GA 30320 • 770-263-7225 • Fax # 770-263-0892

Pay Request: 3
 Project: One Time Stream Cleanup of
 South Fork Peachtree Creek,
 Project No.: 14-902770

Item No.	Item	Total Estimate				Previous Applications		Current Application		Total Performed	
		Qty.	Unit	Unit Cost	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Waterline Installation Base Bid											
Bid A - South Fork Peachtree Creek Cleanup											
1	Mobilization	1	LS	346,190.00	346,190.00	1.00	346,190.00			1.00	346,190.00
2	Tire Collection, Transport, and Disposal	309	EA	8.00	2,472.00	186.00	1,488.00			186.00	1,488.00
3	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other Miscellaneous Debris	55	TON	175.00	9,625.00	177.00	30,975.00			177.00	30,975.00
4	Woody Debris That is Cut and Stacked On Resident's Property With Owner's Permission	120	CY	50.00	6,000.00	132.22	6,611.11			132.22	6,611.11
5	Demobilization	1	EA	10,000.00	10,000.00	1.00	10,000.00			1.00	10,000.00
Bid B - Snappfinger Creek Cleanup											
1	Mobilization	1	LS	234,200.00	234,200.00	1.00	234,200.00			1.00	234,200.00
2	Tire Collection, Transport, and Disposal	196	EA	8.00	1,568.00	951.00	7,608.00			951.00	7,608.00
3	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other Miscellaneous Debris	27	TON	175.00	4,725.00	67.00	11,725.00			67.00	11,725.00
4	Woody Debris That is Cut and Stacked On Resident's Property With Owner's Permission	54	CY	50.00	2,700.00	112.00	5,600.00			112.00	5,600.00
5	Demobilization	1	EA	10,000.00	10,000.00	1.00	10,000.00			1.00	10,000.00
Bid C - South River											
1	Mobilization	1	LS	284,220.00	284,220.00			1.00	284,220.00	1.00	284,220.00
2	Tire Collection, Transport, and Disposal	4970	EA	8.00	39,760.00			4,124.00	32,992.00	4,124.00	32,992.00
3	Trash and Debris Removal, Transport, and Disposal (*Include Shopping Carts, Wooden, Plastic, Paper, and Other Miscellaneous Debris	17	TON	175.00	3,027.50			2.41	421.75	2.41	421.75
4	Woody Debris That is Cut and Stacked On Resident's Property With Owner's Permission	35	CY	50.00	1,750.00			332.89	16,644.44	332.89	16,644.44
5	Demobilization	1	EA	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00
TOTAL					966,237.50	664,397.11	344,278.19	1,008,675.30			

APPENDIX Q
Pre- and post-cleanup photographs

DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 1



Post-Cleanup Site 1



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 2



Post-Cleanup Site 2



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 3



Post-Cleanup Site 3



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 4



Post-Cleanup Site 4

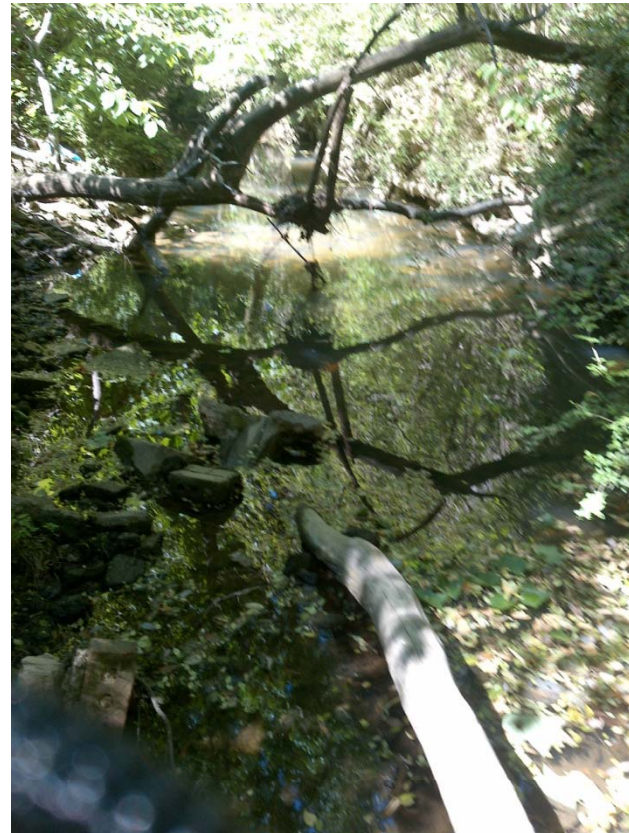


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 5



Post-Cleanup Site 5

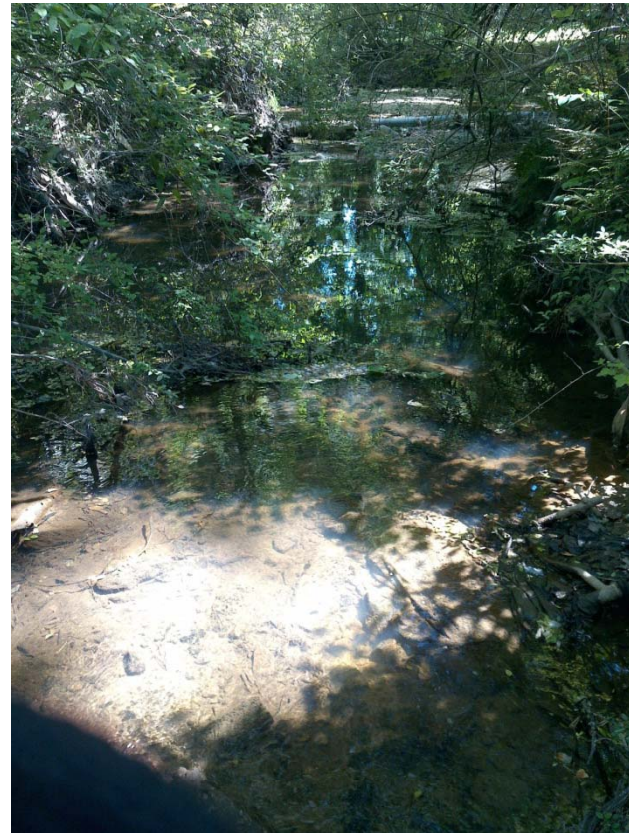


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 6



Post-Cleanup Site 6



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 7



Post-Cleanup Site 7



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 8



Post-Cleanup Site 8



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 9



Post-Cleanup Site 9

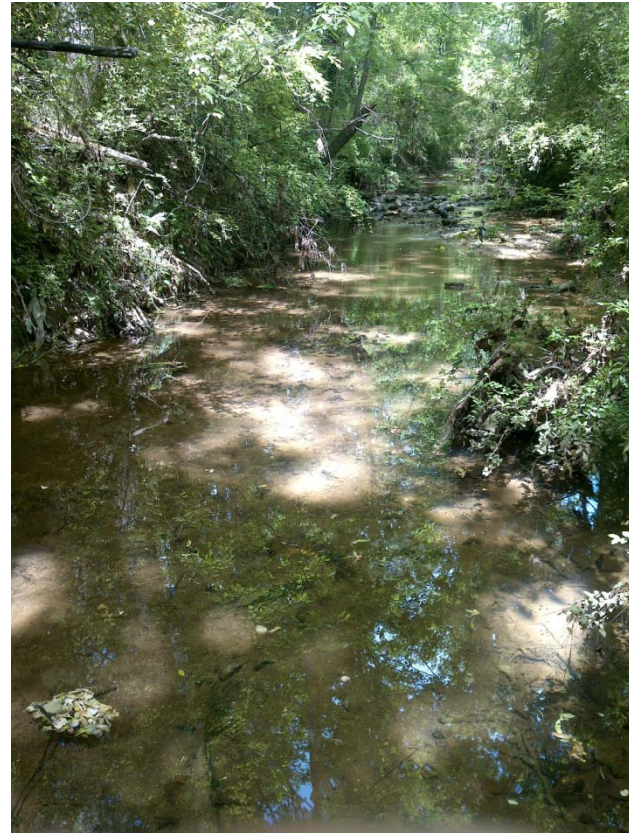


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 10



Post-Cleanup Site 10

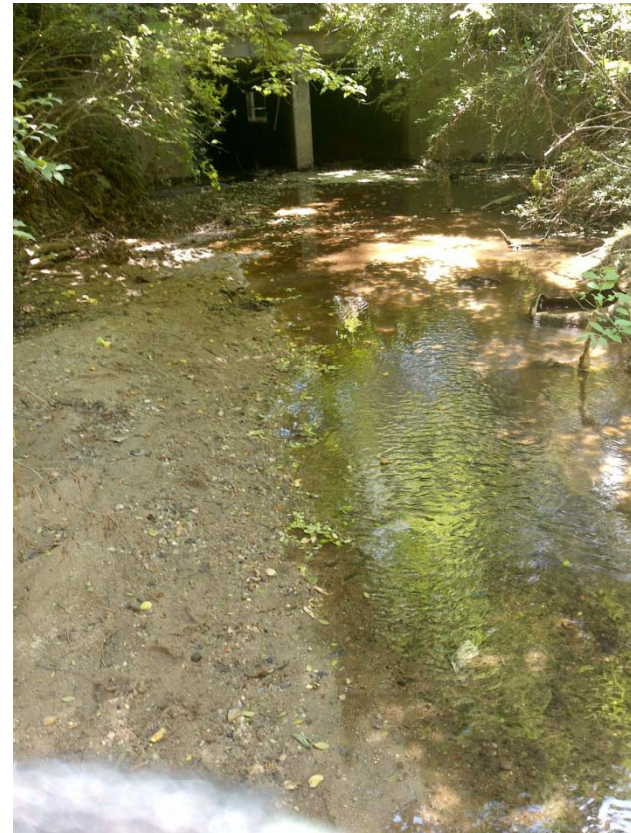


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 11



Post-Cleanup Site 11

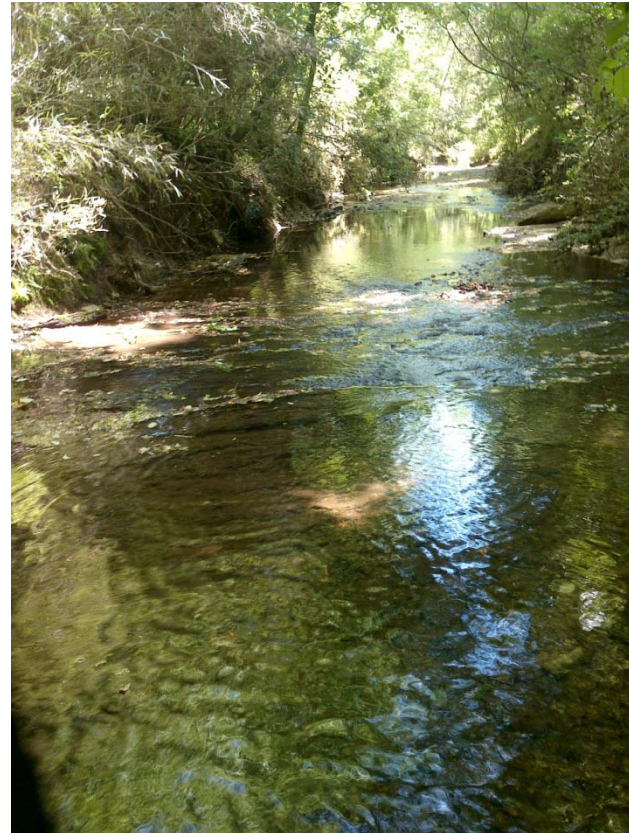


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 12

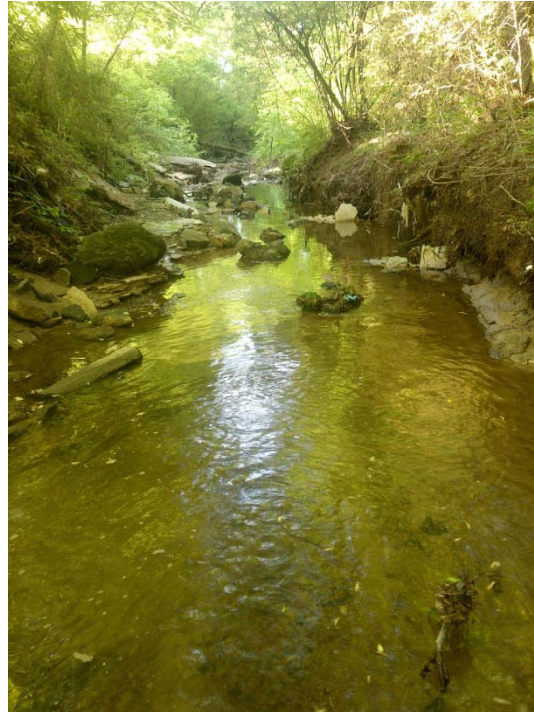


Post-Cleanup Site 12



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 13



Post-Cleanup Site 13

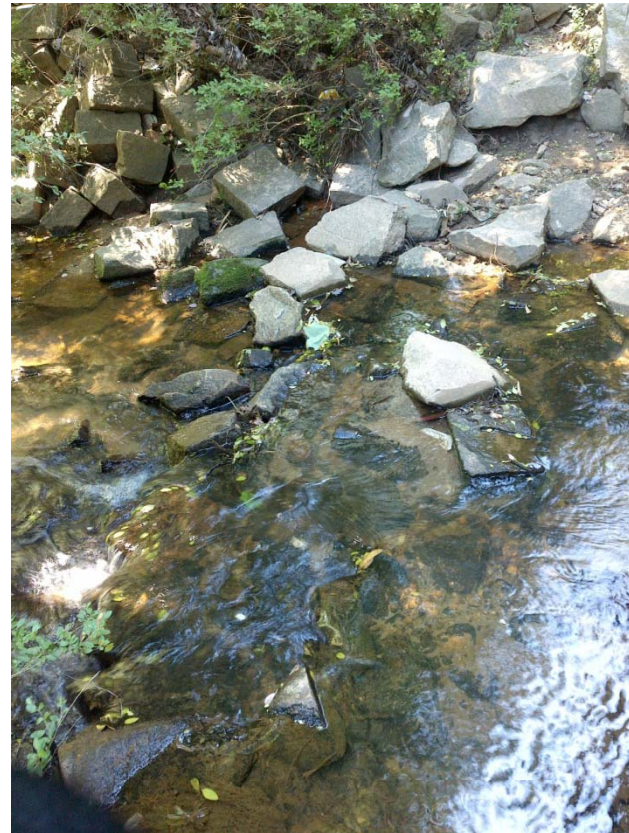


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 14



Post-Cleanup Site 14



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 16



Post-Cleanup Site 16



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 17



Post-Cleanup Site 17



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 18



Post-Cleanup Site 18

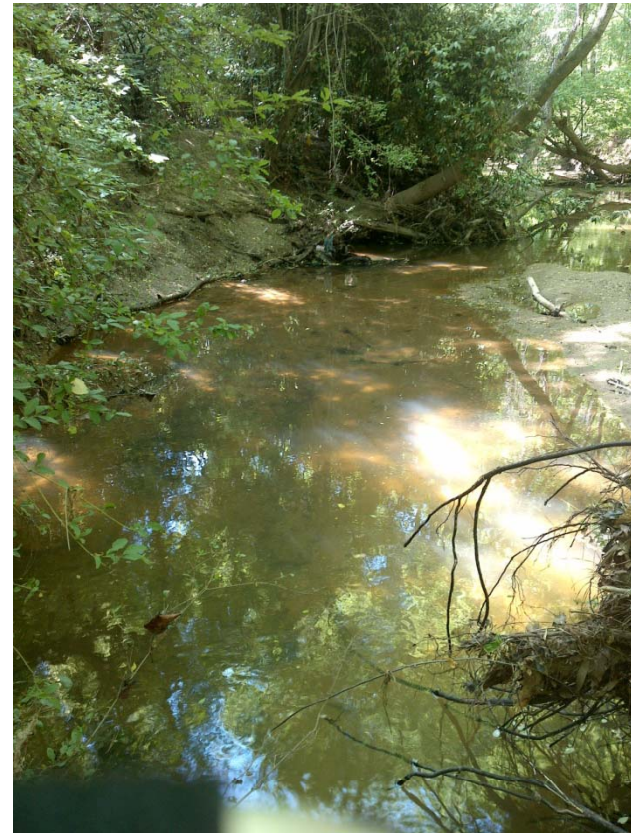


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 19



Post-Cleanup Site 19

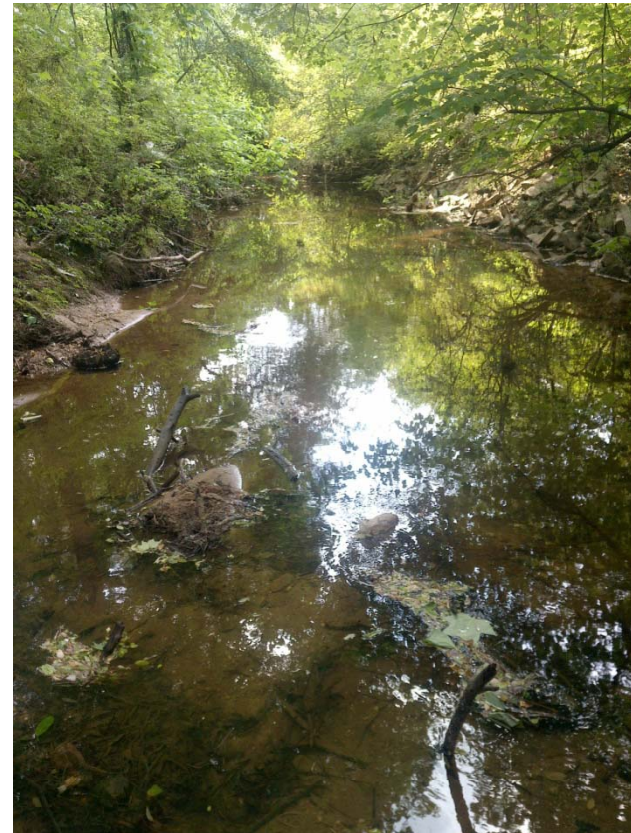


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 20



Post-Cleanup Site 20



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 22



Post-Cleanup Site 22



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 23



Post-Cleanup Site 23

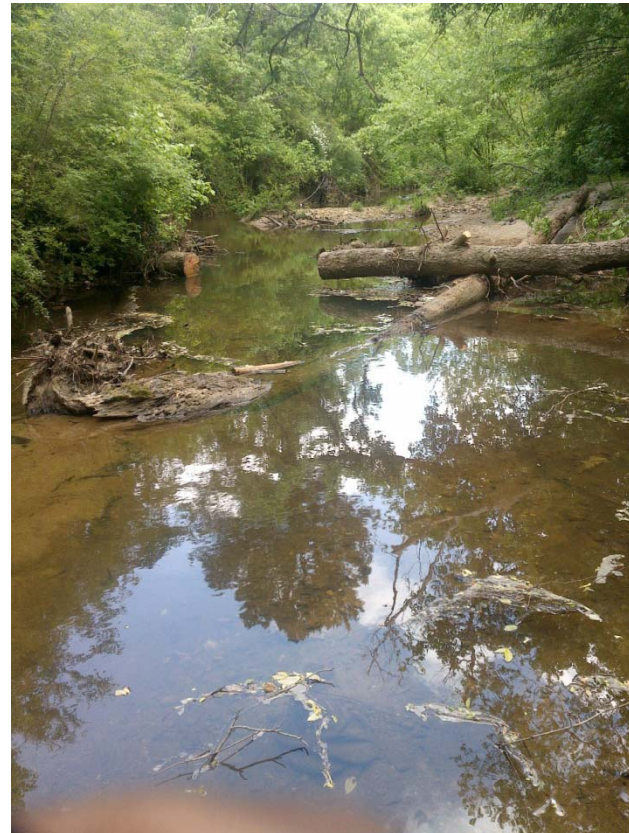


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 24



Post-Cleanup Site 24



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 25



Post-Cleanup Site 25

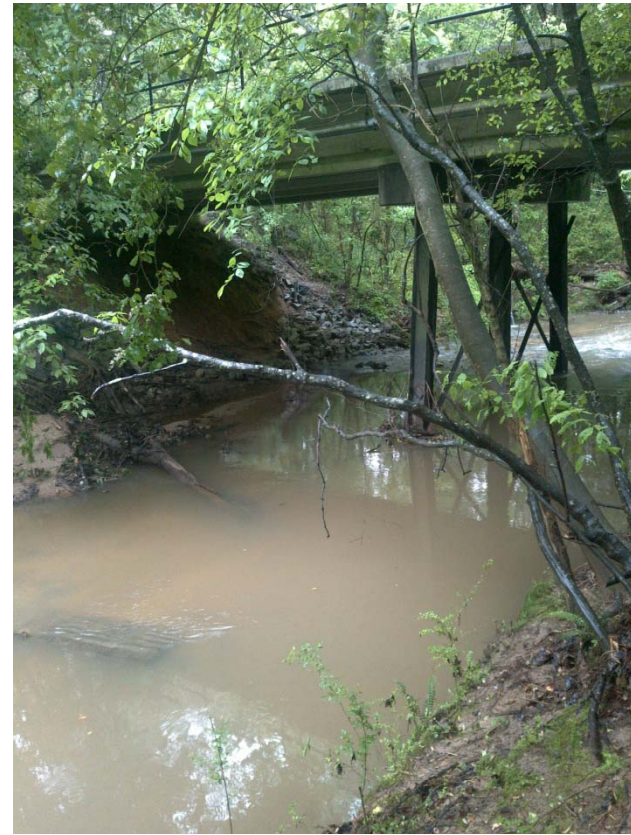


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 26

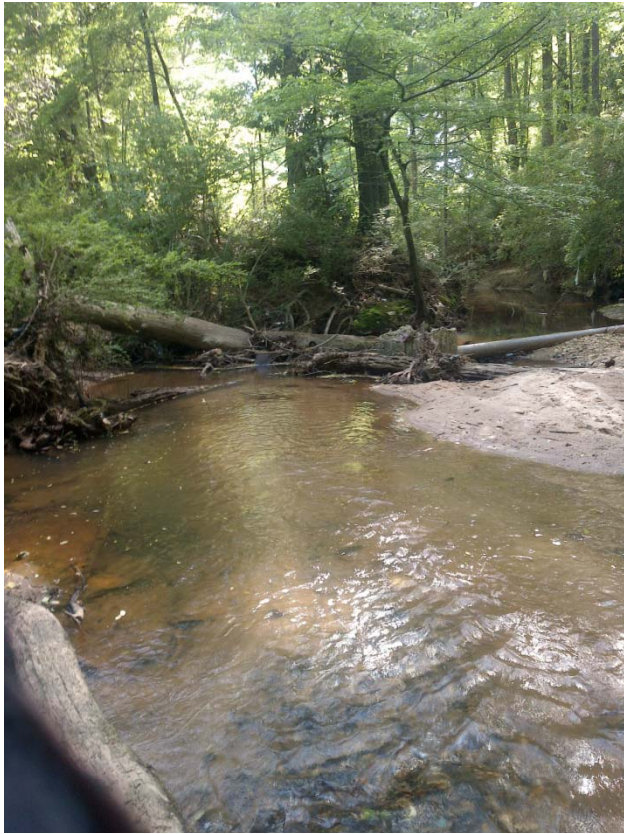


Post-Cleanup Site 26



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 27



Post-Cleanup Site 27



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 28



Post-Cleanup Site 28

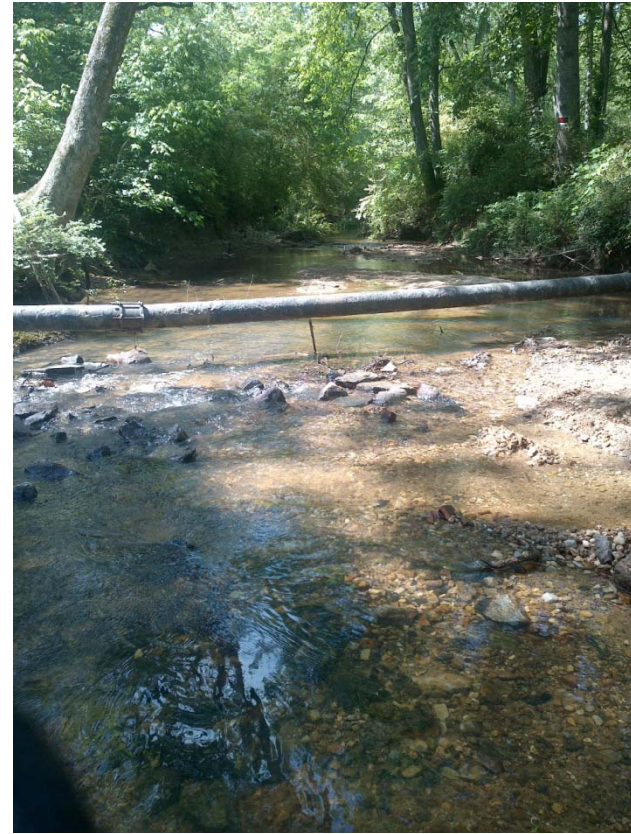


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 29



Post-Cleanup Site 29

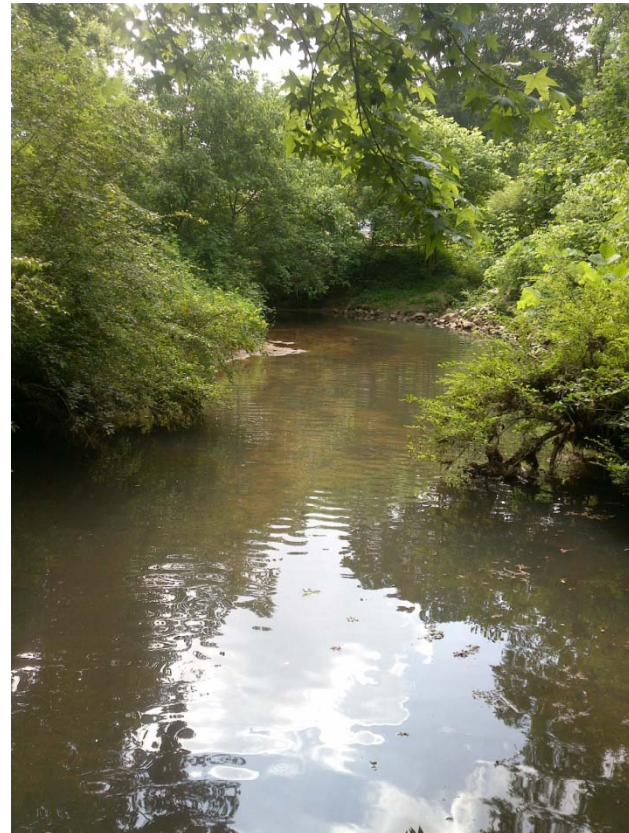


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 30



Post-Cleanup Site 30



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 31



Post-Cleanup Site 31



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 32



Post-Cleanup Site 32



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 33



Post-Cleanup Site 33

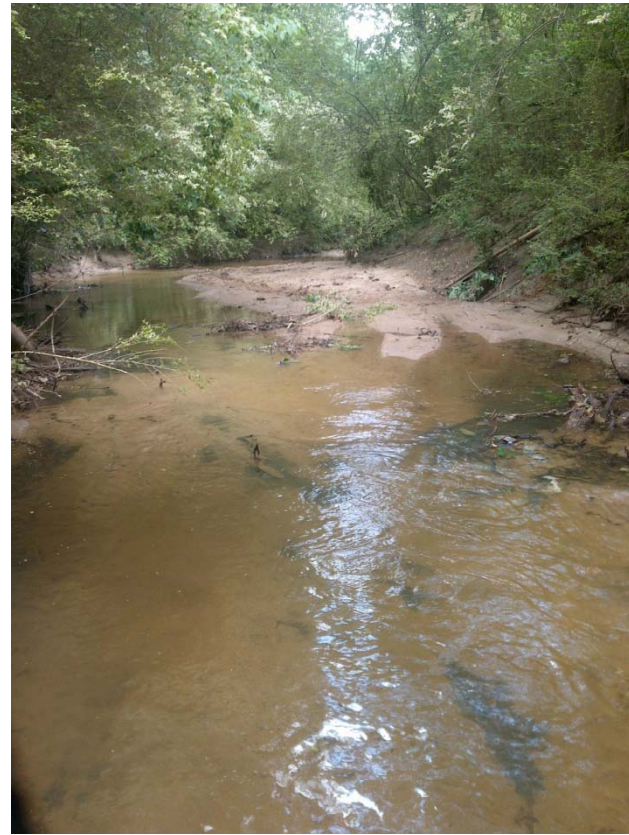


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 34



Post-Cleanup Site 34



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 35



Post-Cleanup Site 35



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 37



Post-Cleanup Site 37



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 38



Post-Cleanup Site 38



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 39



Post-Cleanup Site 39



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 40



Post-Cleanup Site 40



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 41



Post-Cleanup Site 41



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 42



Post-Cleanup Site 42



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 43



Post-Cleanup Site 43

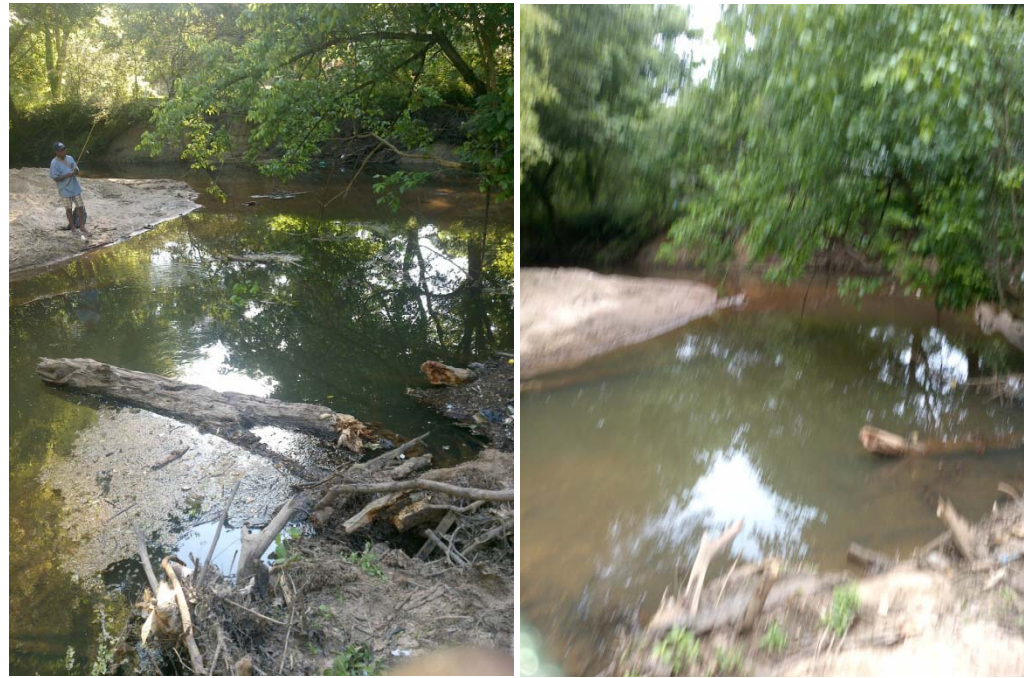


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 44

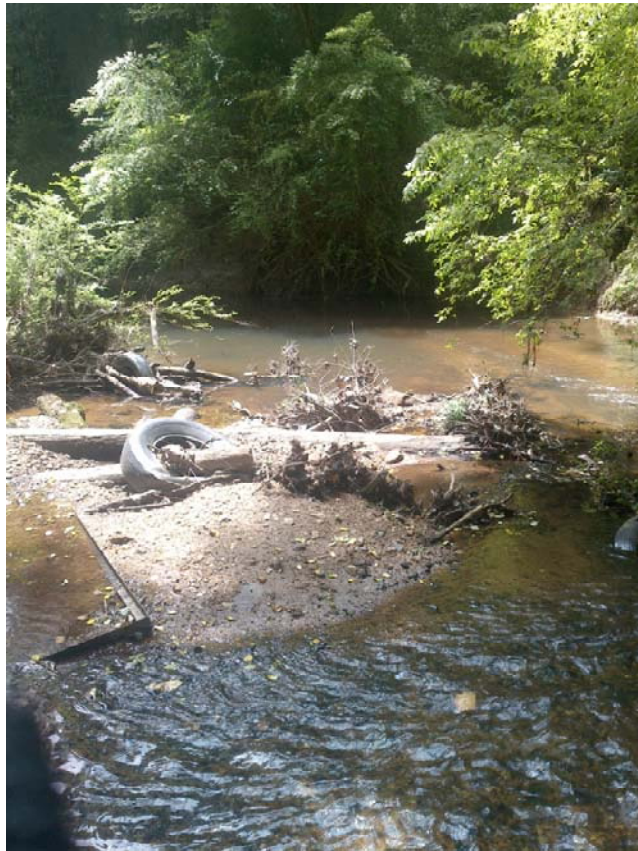


Post-Cleanup Site 44

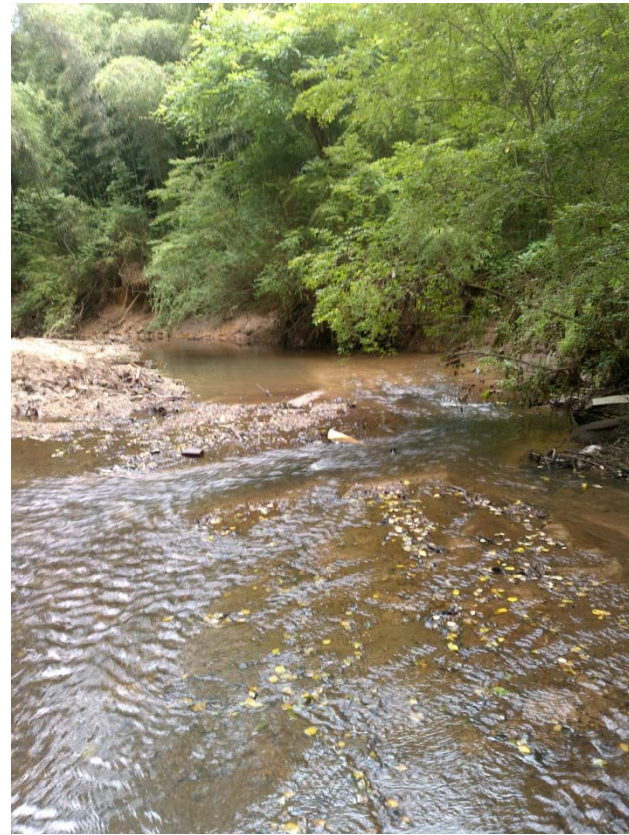


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 45



Post-Cleanup Site 45



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 46



Post-Cleanup Site 46



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 47

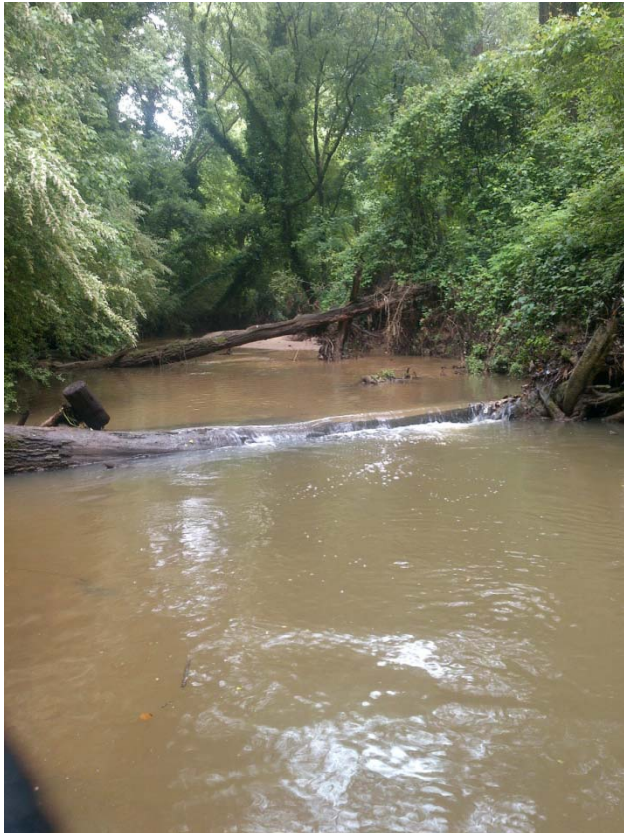


Post-Cleanup Site 47



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 48



Post-Cleanup Site 48



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 49



Post-Cleanup Site 49

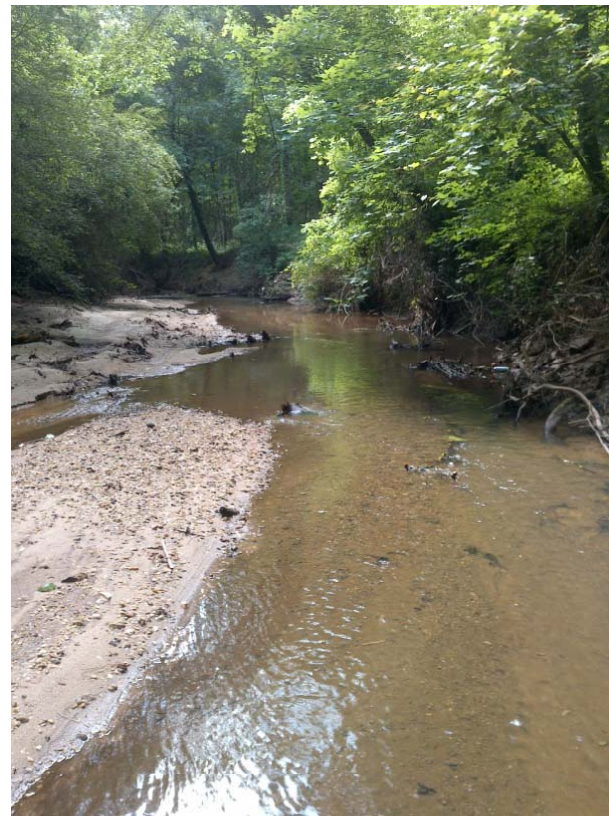


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 50

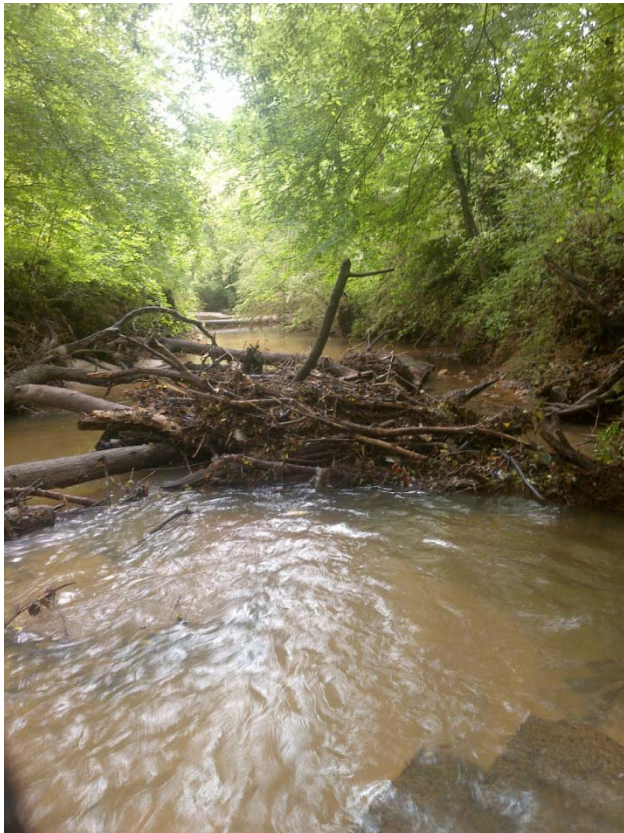


Post-Cleanup Site 50



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 51

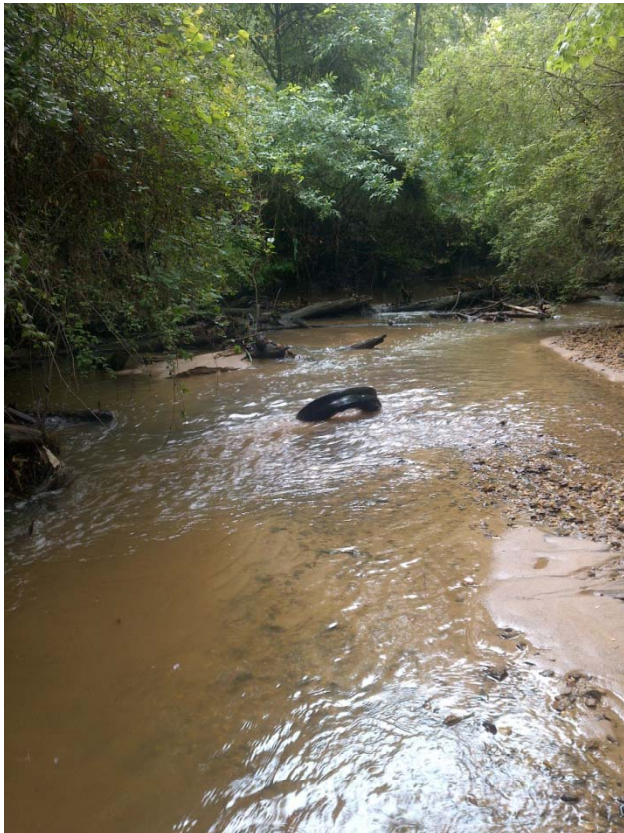


Post-Cleanup Site 51

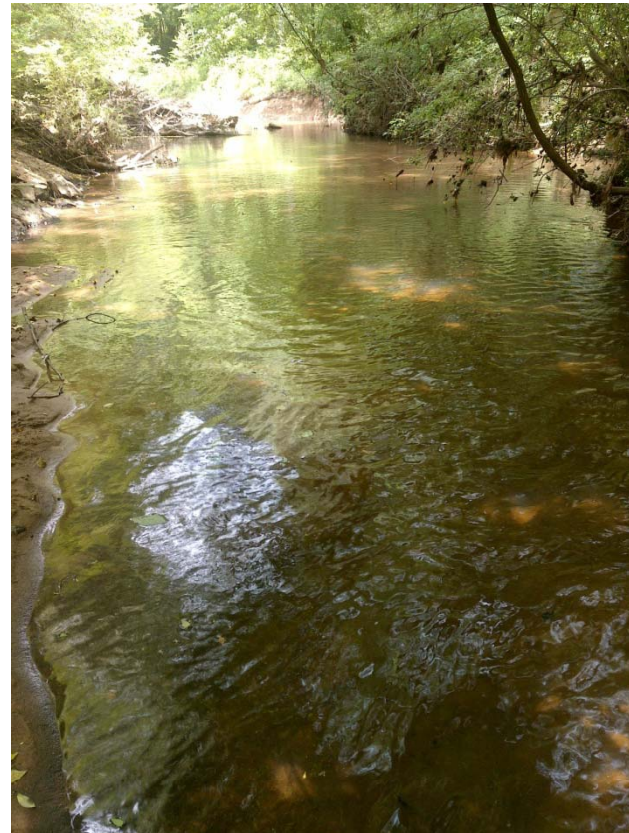


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 54



Post-Cleanup Site 54

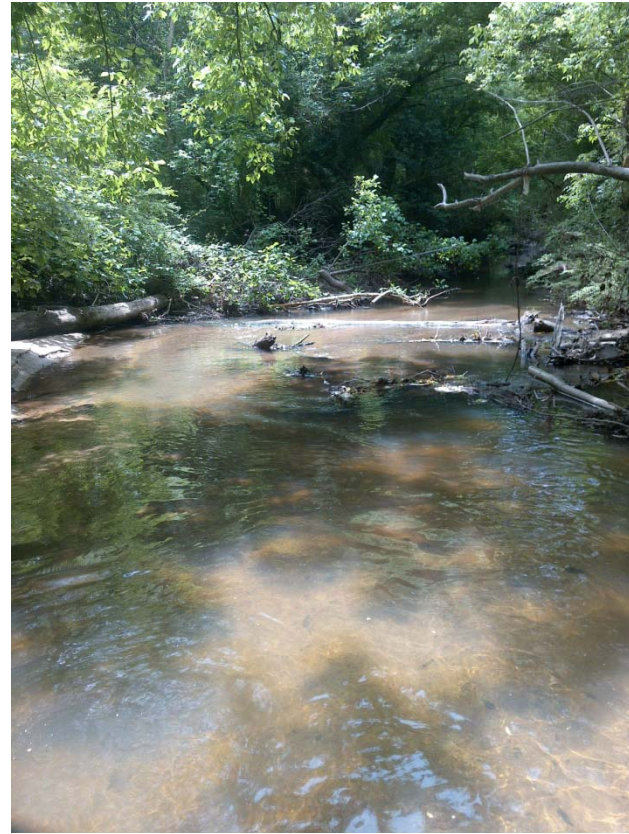


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 55



Post-Cleanup Site 55

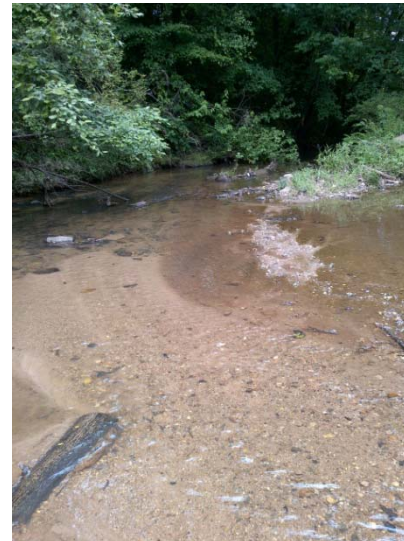


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 56



Post-Cleanup Site 56

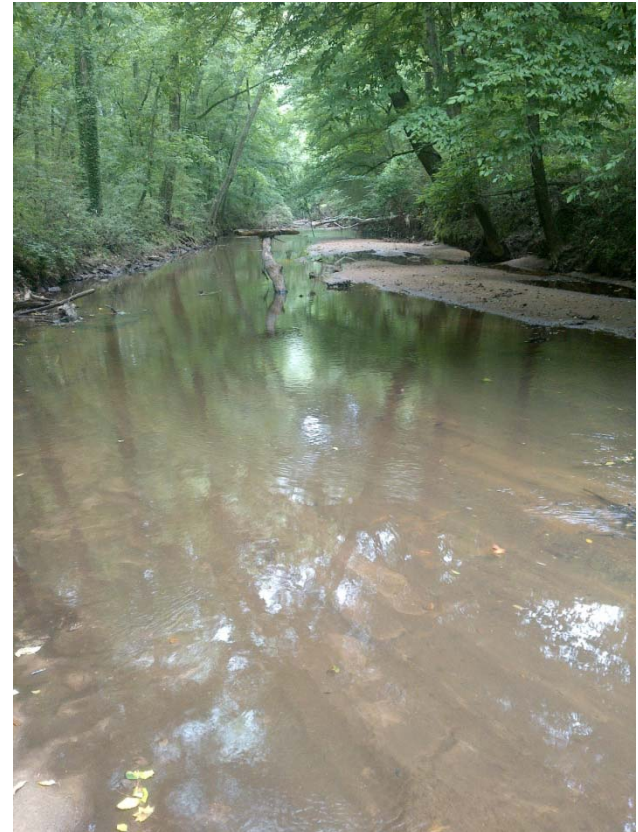


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 57



Post-Cleanup Site 57



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 58

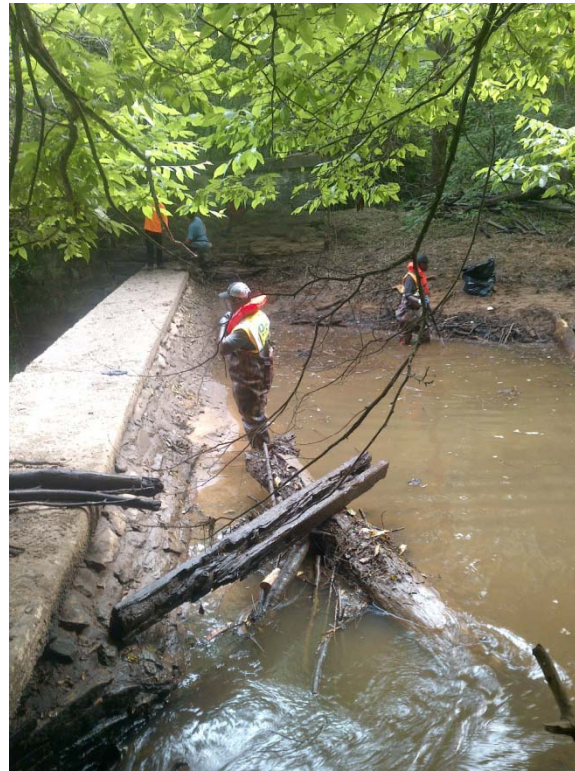


Post-Cleanup Site 58



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 58



Post-Cleanup Site 58



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 59



Post-Cleanup Site 59



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 64



Post-Cleanup Site 64



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 65



Post-Cleanup Site 65



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 66

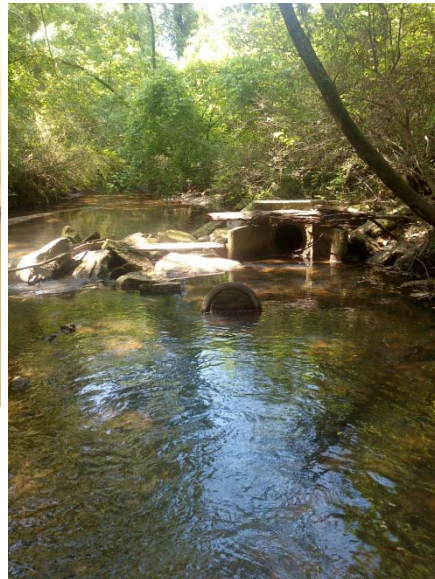


Post-Cleanup Site 66



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 67



Post-Cleanup Site 67



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 68

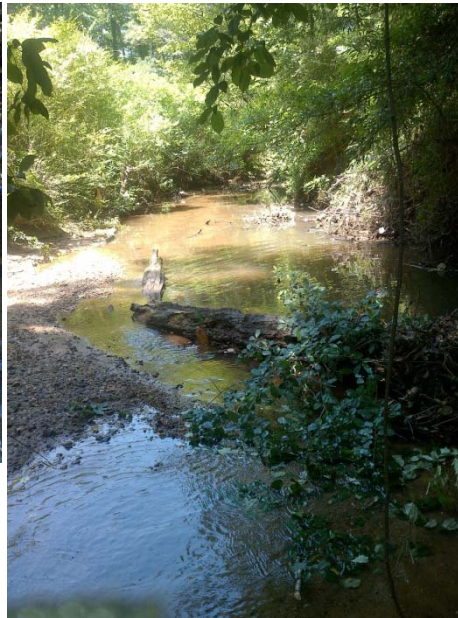


Post-Cleanup Site 68



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 70

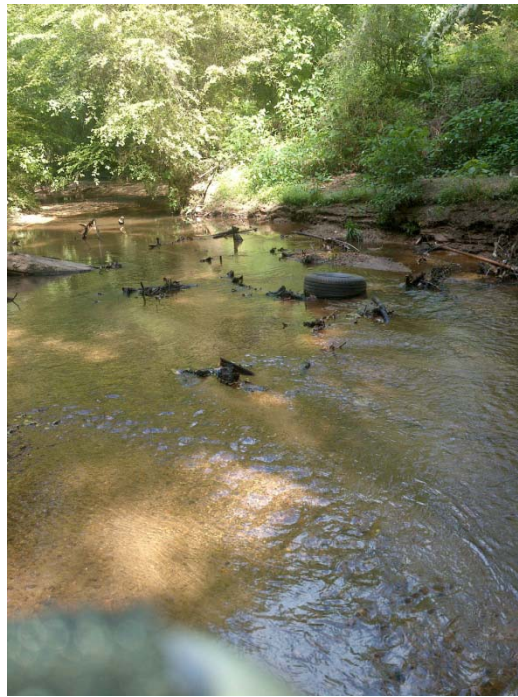


Post-Cleanup Site 70



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 71

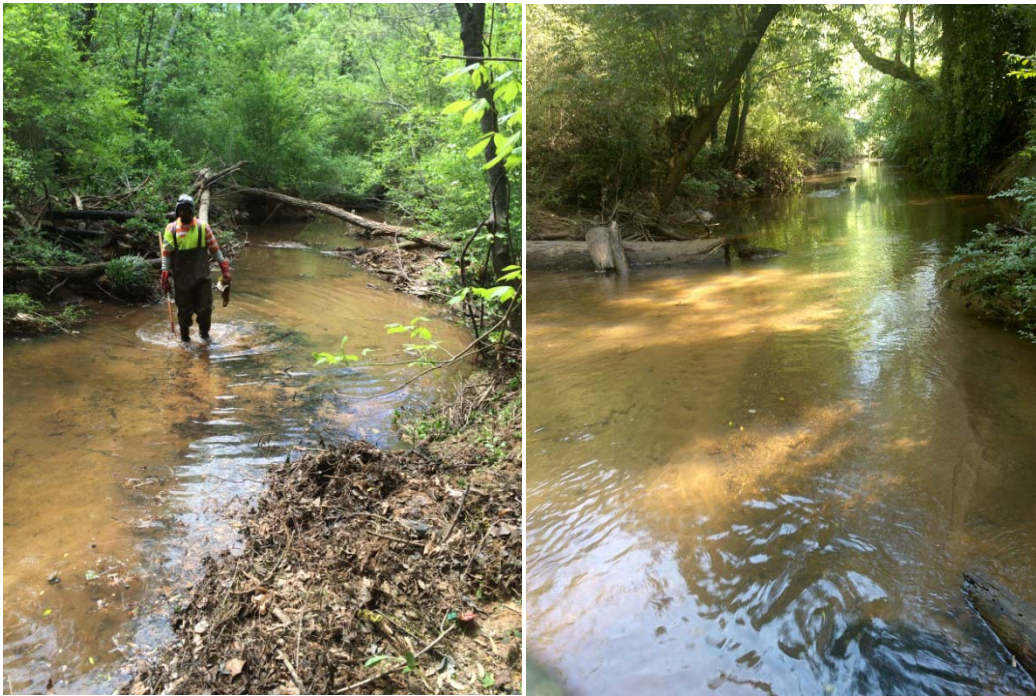


Post-Cleanup Site 71

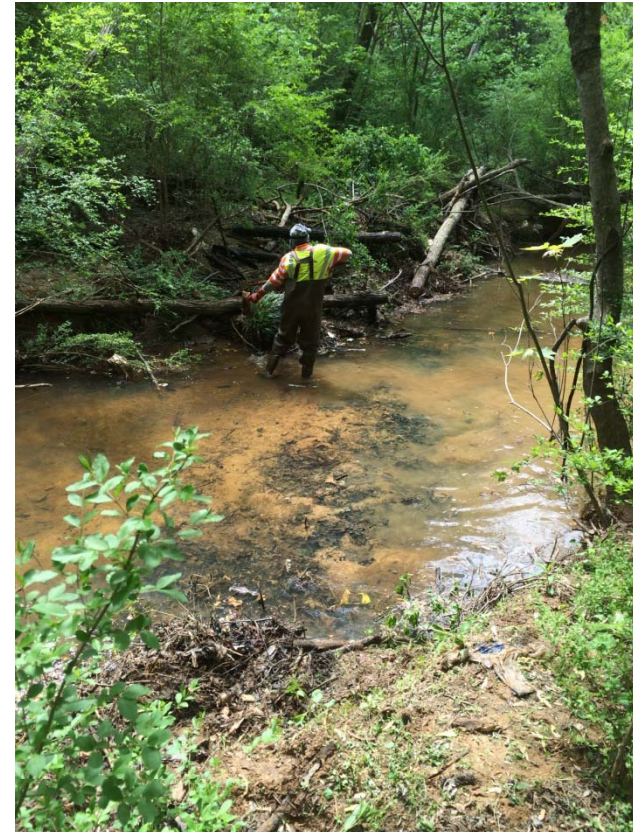


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 72



Post-Cleanup Site 72



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 73



Post-Cleanup Site 73



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 74



Post-Cleanup Site 74



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 75



Post-Cleanup Site 75



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 76



Post-Cleanup Site 76



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 77



Post-Cleanup Site 77



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 78



Post-Cleanup Site 78



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 82



Post-Cleanup Site 82



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 83



Post-Cleanup Site 83



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 84



Post-Cleanup Site 84



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 85



Post-Cleanup Site 85

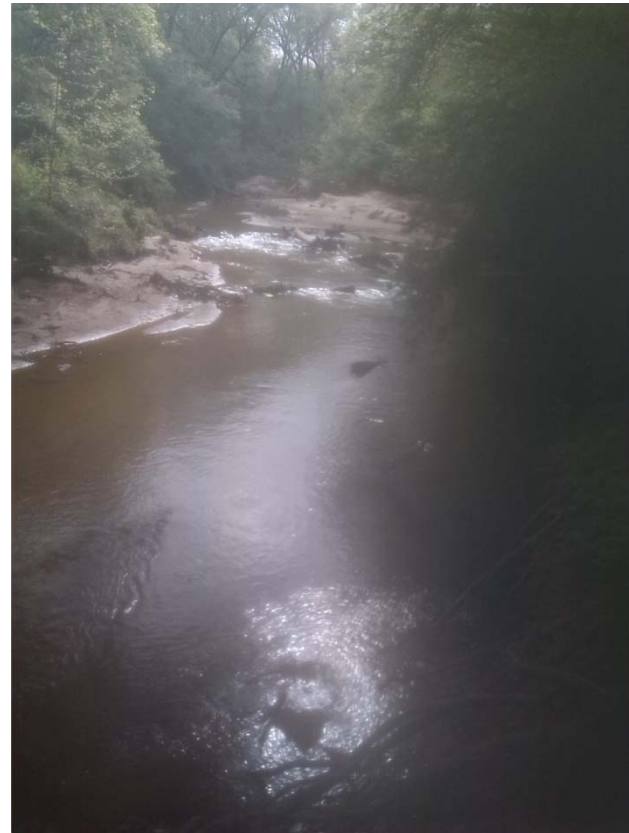


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 89

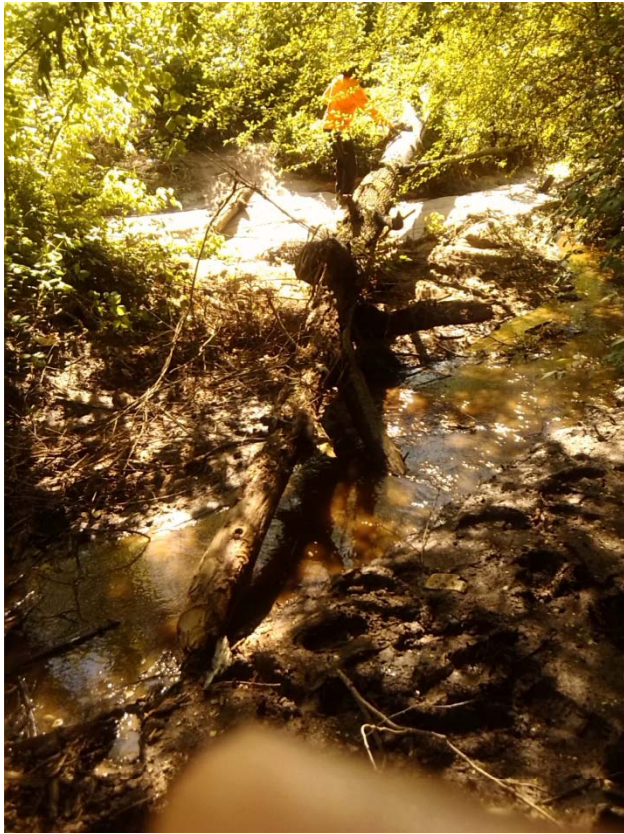


Post-Cleanup Site 89



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 90



Post-Cleanup Site 90



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 92



Post-Cleanup Site 92



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 93



Post-Cleanup Site 93



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 95



Post-Cleanup Site 95



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 96



Post-Cleanup Site 96



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 97



Post-Cleanup Site 97



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 99



Post-Cleanup Site 99



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 100

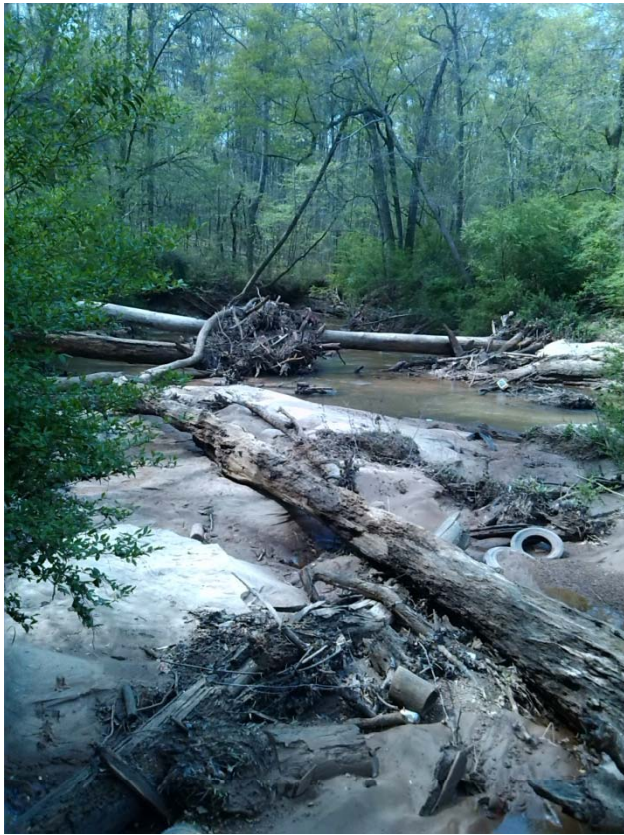


Post-Cleanup Site 100



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 101



Post-Cleanup Site 101



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 103



Post-Cleanup Site 103

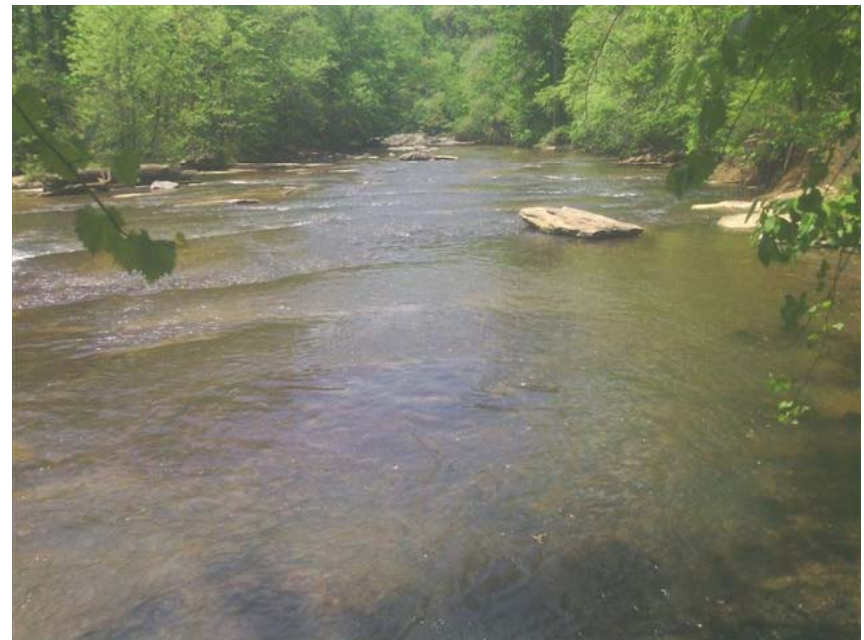


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 104



Post-Cleanup Site 104



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 106



Post-Cleanup Site 106



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 107



Post-Cleanup Site 107

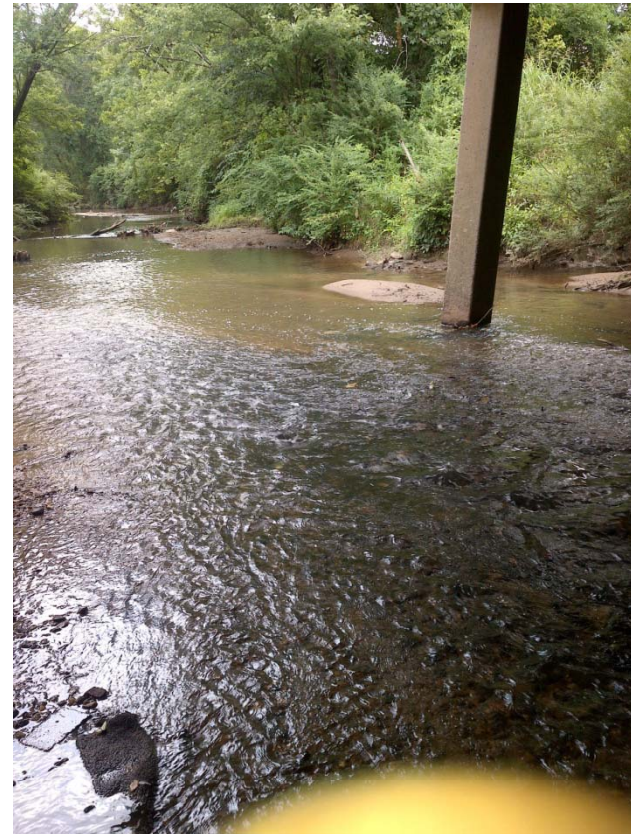


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 108



Post-Cleanup Site 108

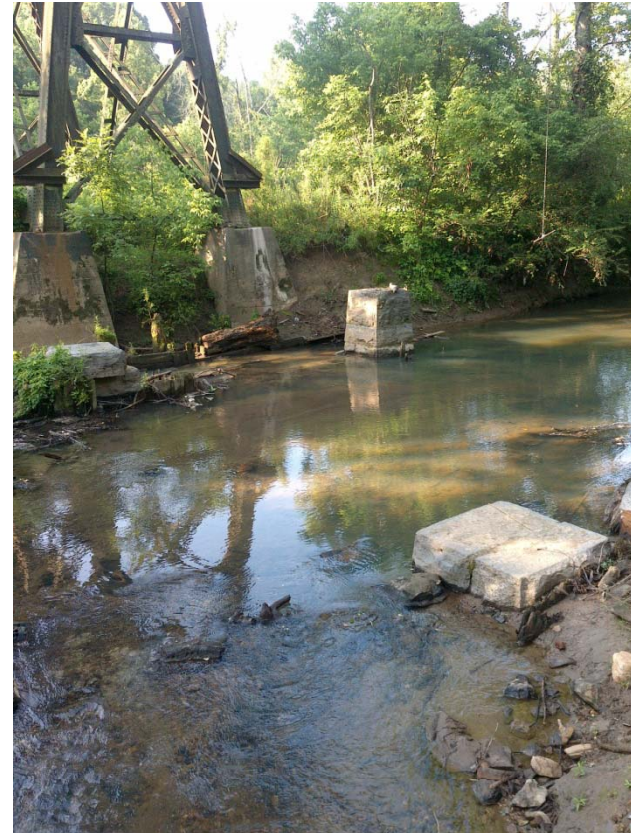


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 110

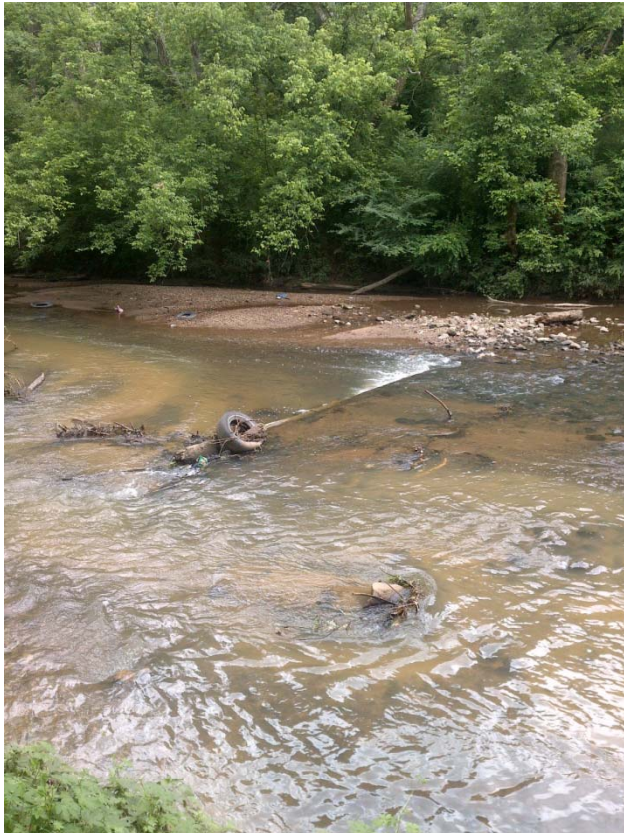


Post-Cleanup Site 110

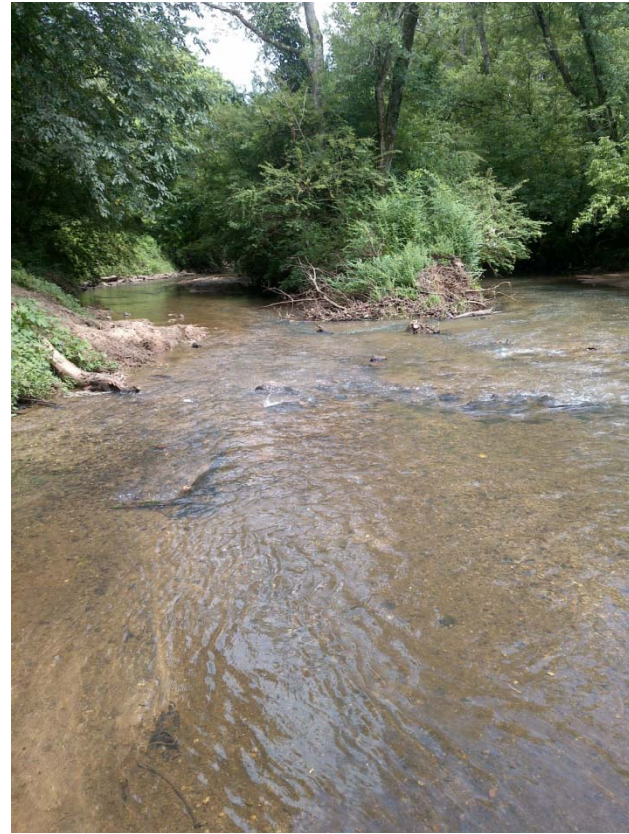


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 111



Post-Cleanup Site 111

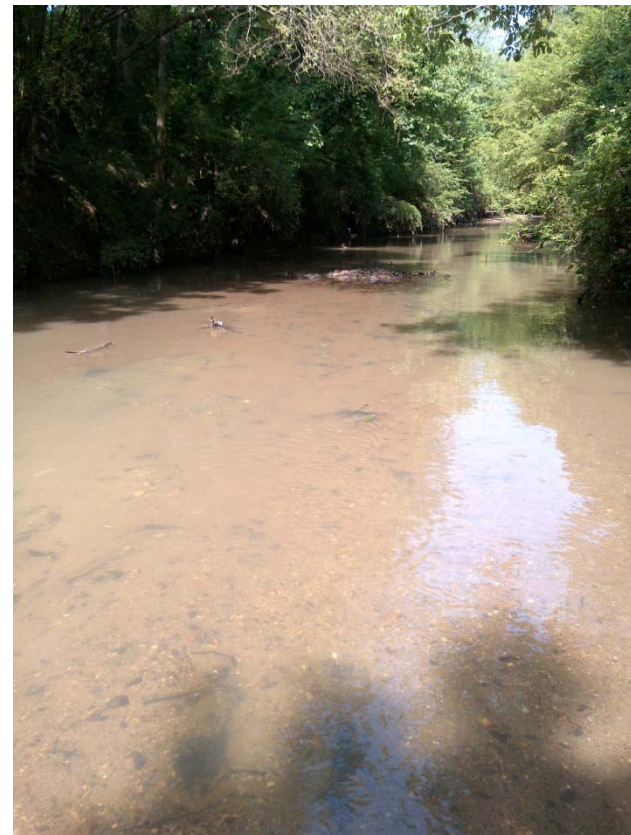


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 112



Post-Cleanup Site 112

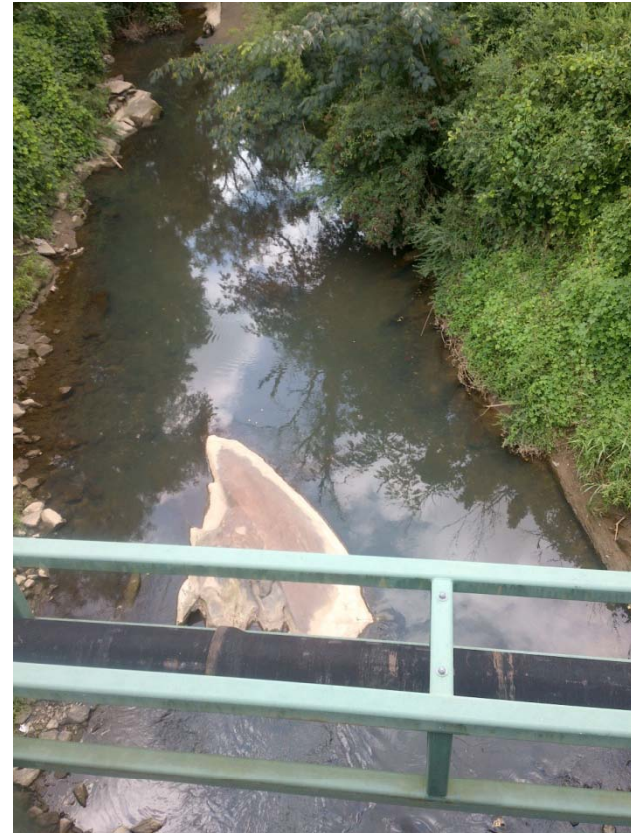


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 113

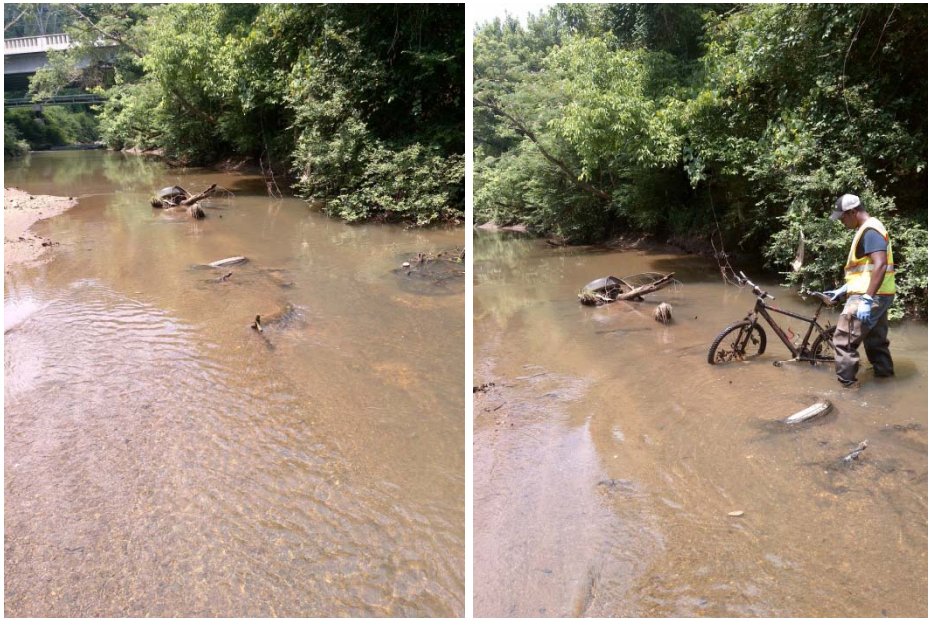


Post-Cleanup Site 113



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 114

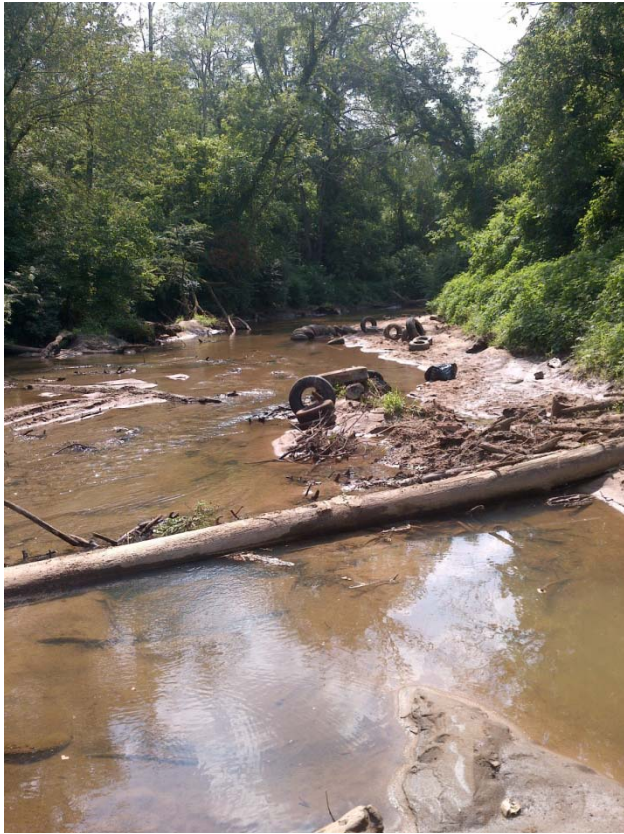


Post-Cleanup Site 114



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 115

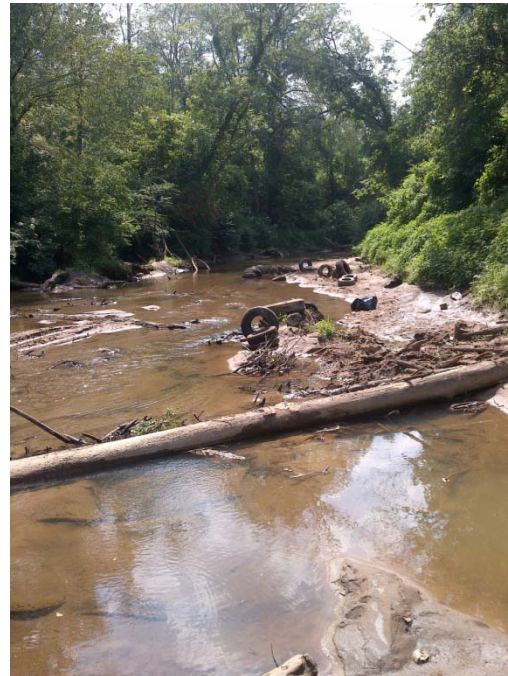


Post-Cleanup Site 115



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 116

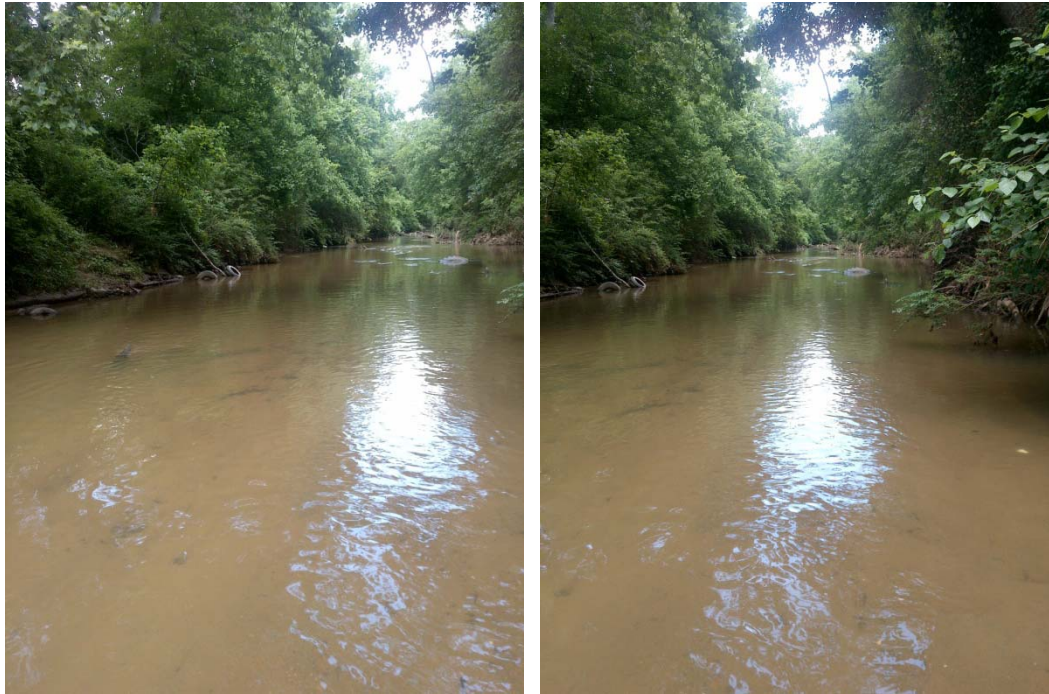


Post-Cleanup Site 116

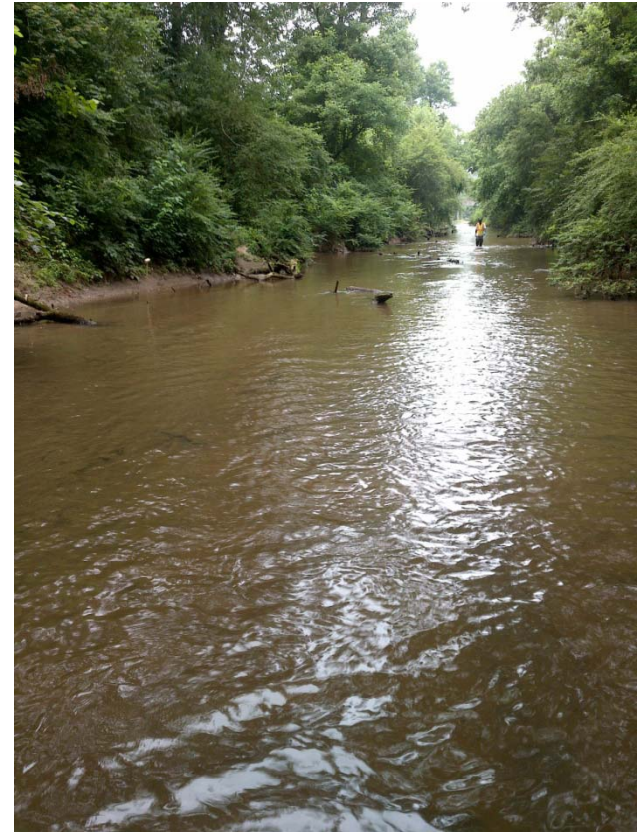


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 117

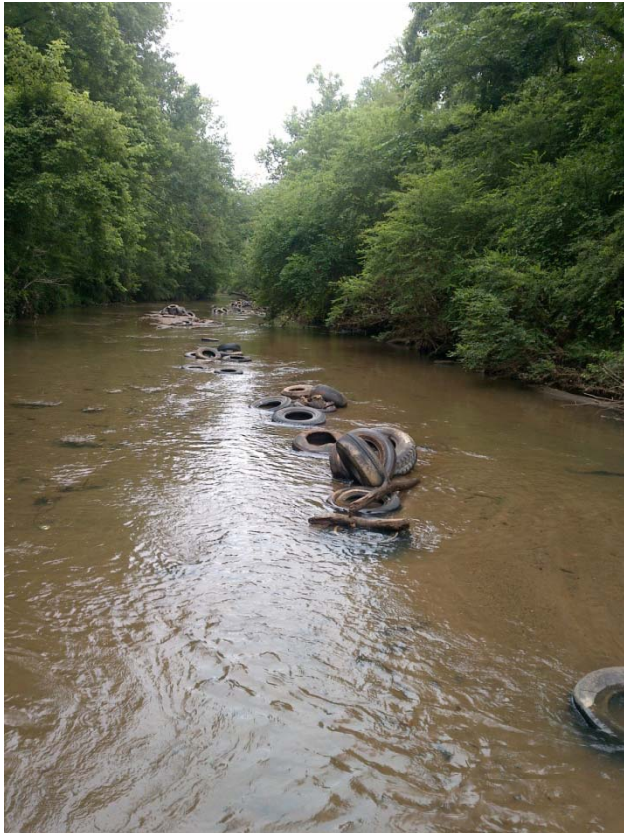


Post-Cleanup Site 117



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 118

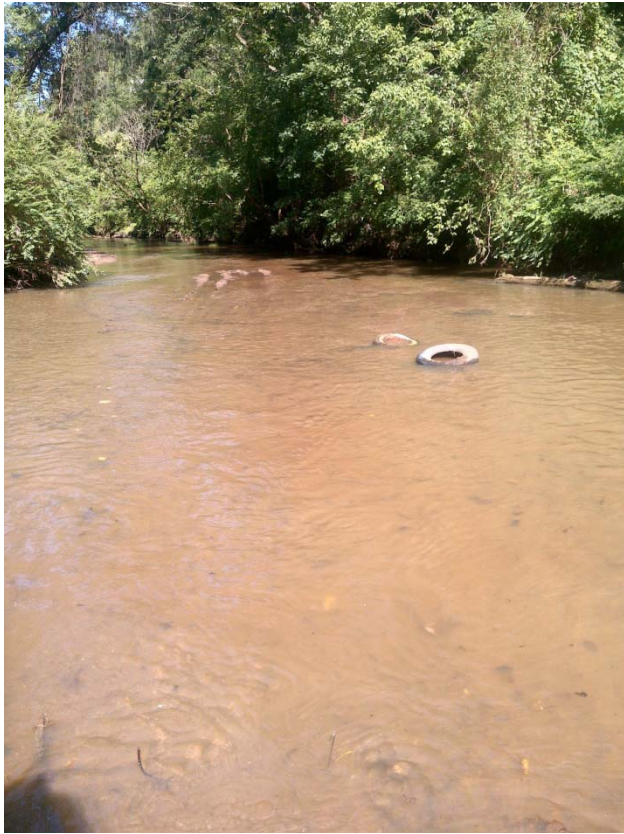


Post-Cleanup Site 118



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 119

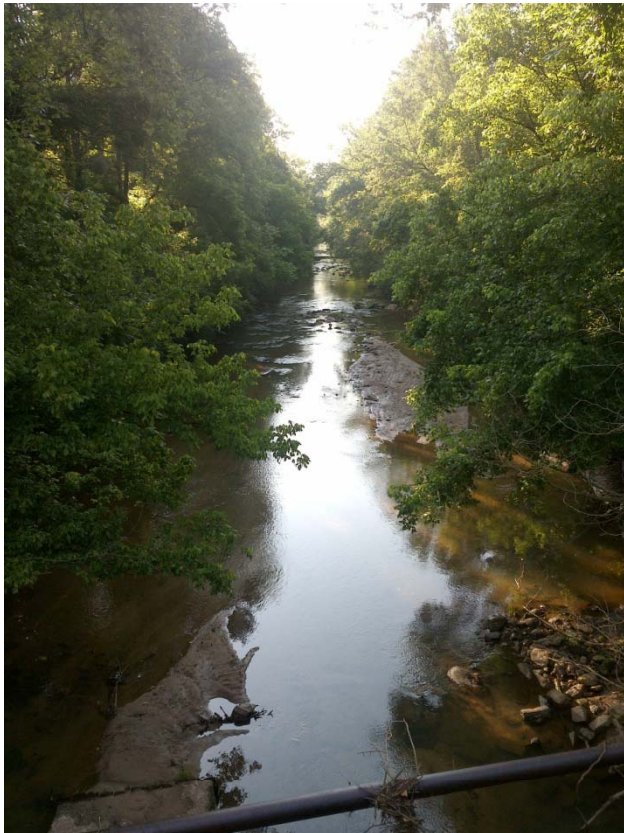


Post-Cleanup Site 119



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 120



Post-Cleanup Site 120

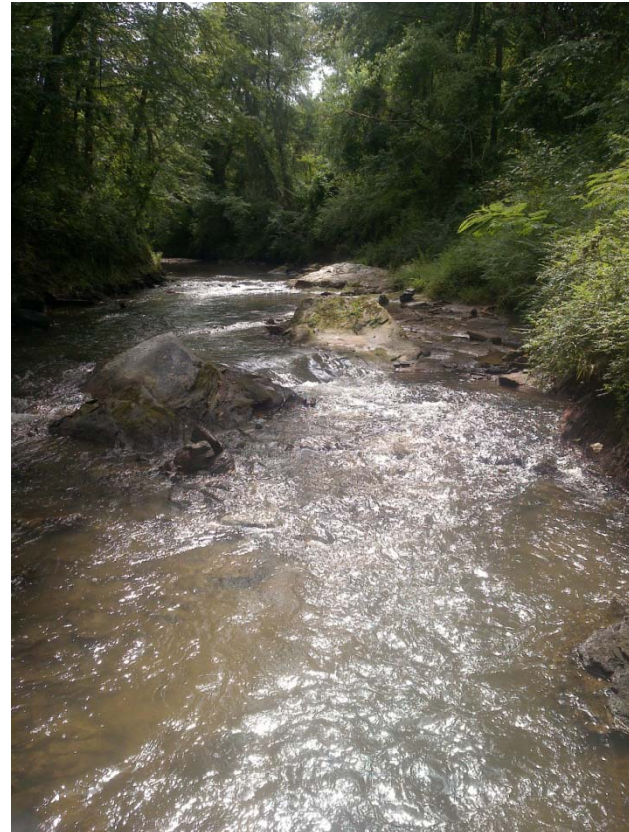


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 121



Post-Cleanup Site 121



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 122



Post-Cleanup Site 122



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 123

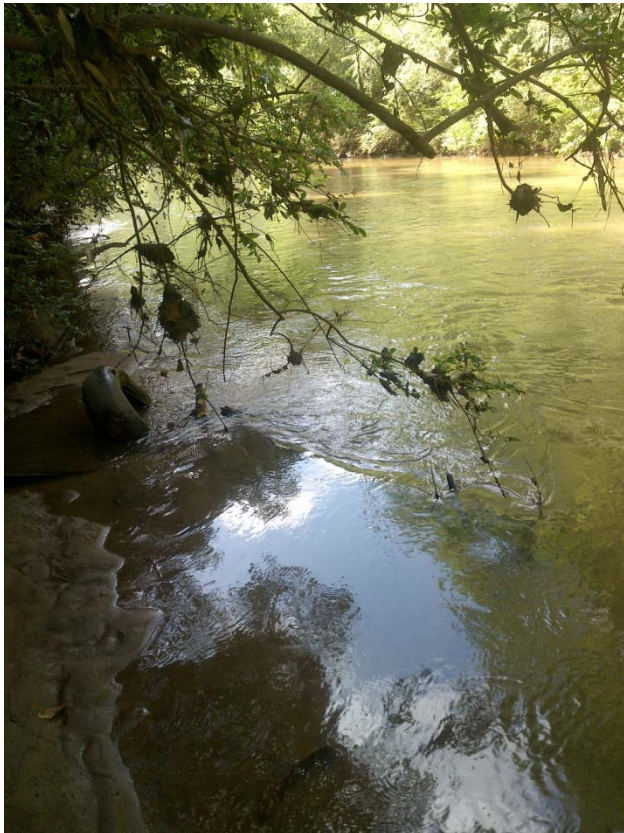


Post-Cleanup Site 123

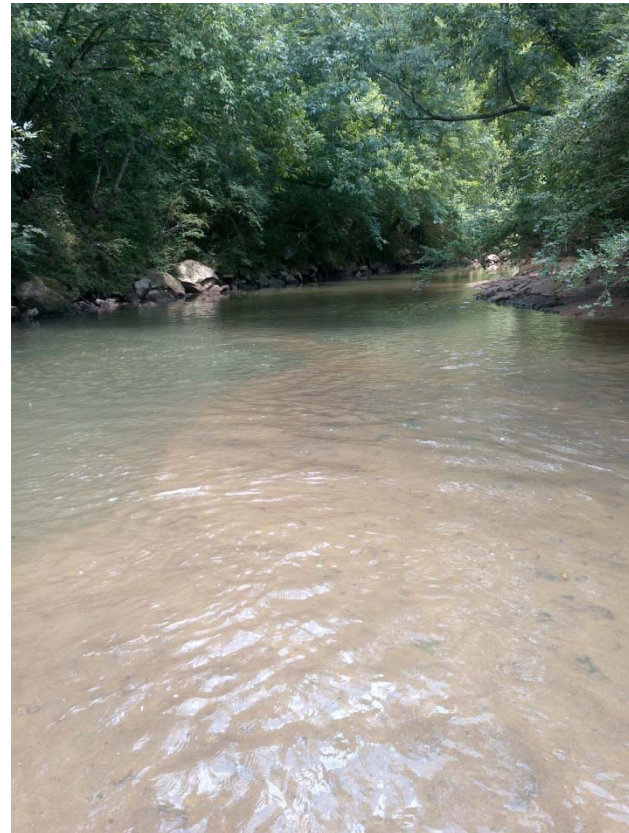


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 125

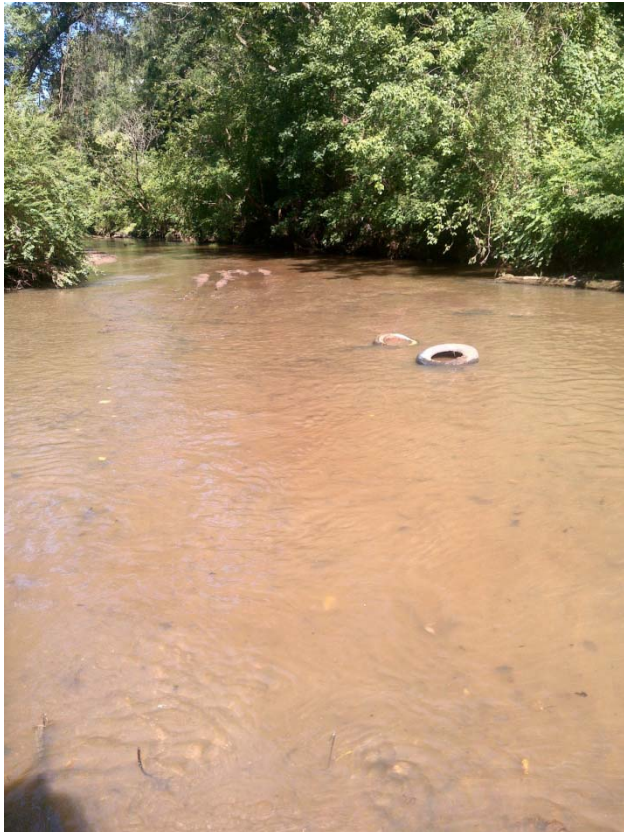


Post-Cleanup Site 125

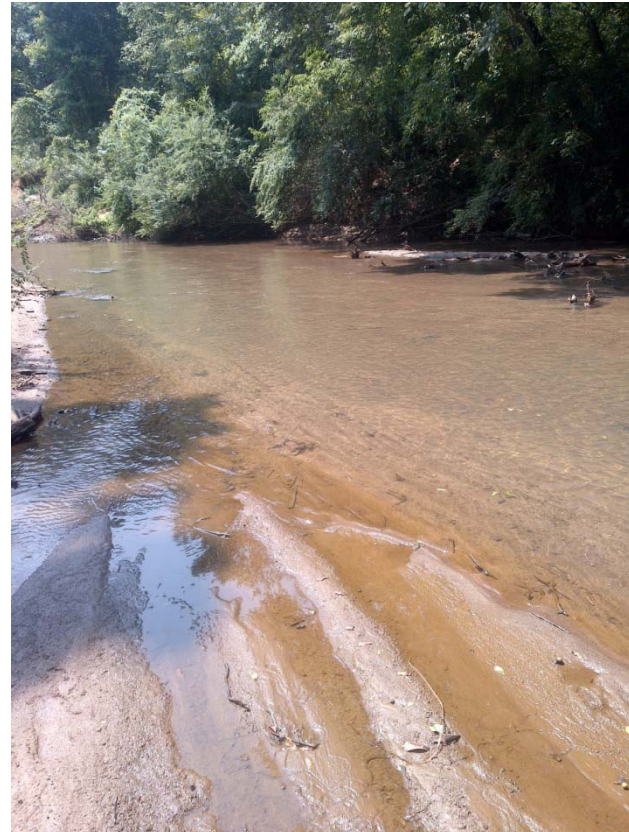


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 127

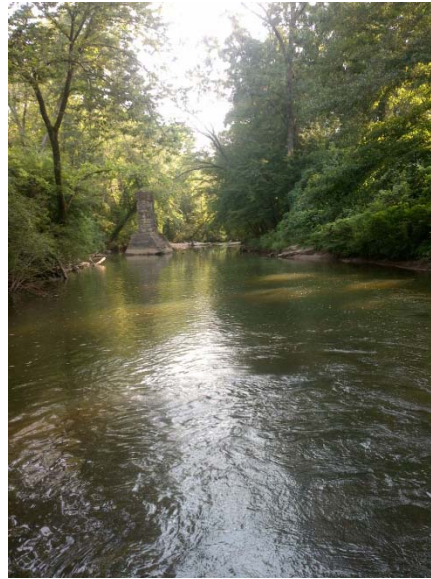


Post-Cleanup Site 127



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 128



Post-Cleanup Site 128

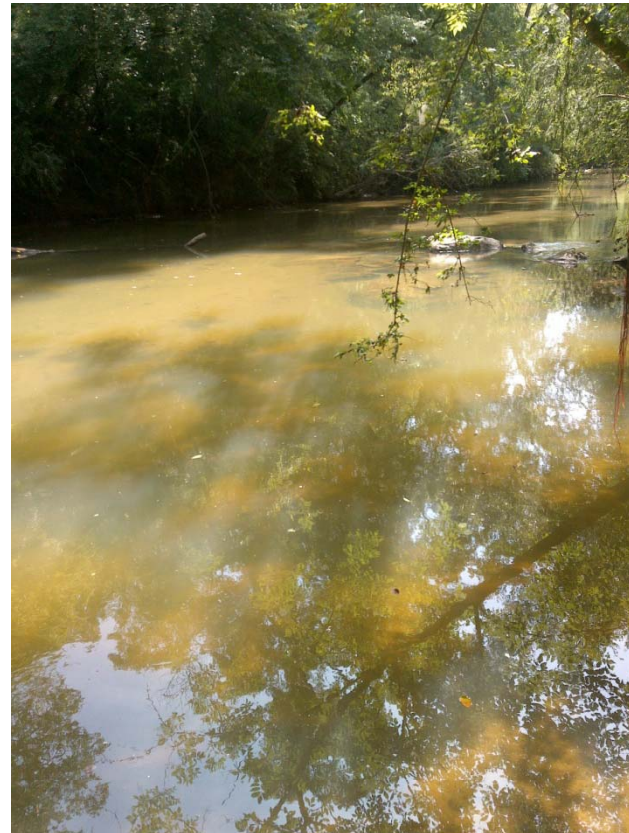


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 129



Post-Cleanup Site 129

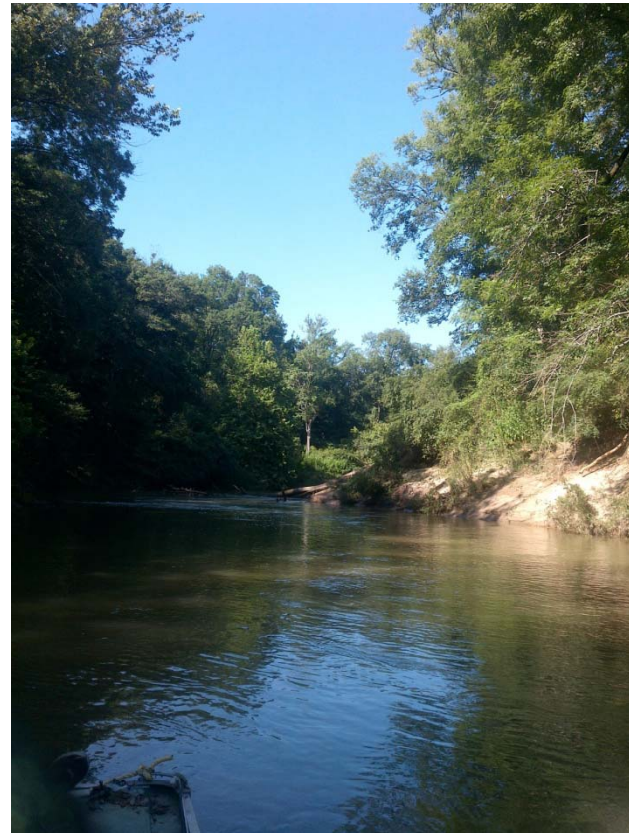


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 132



Post-Cleanup Site 132

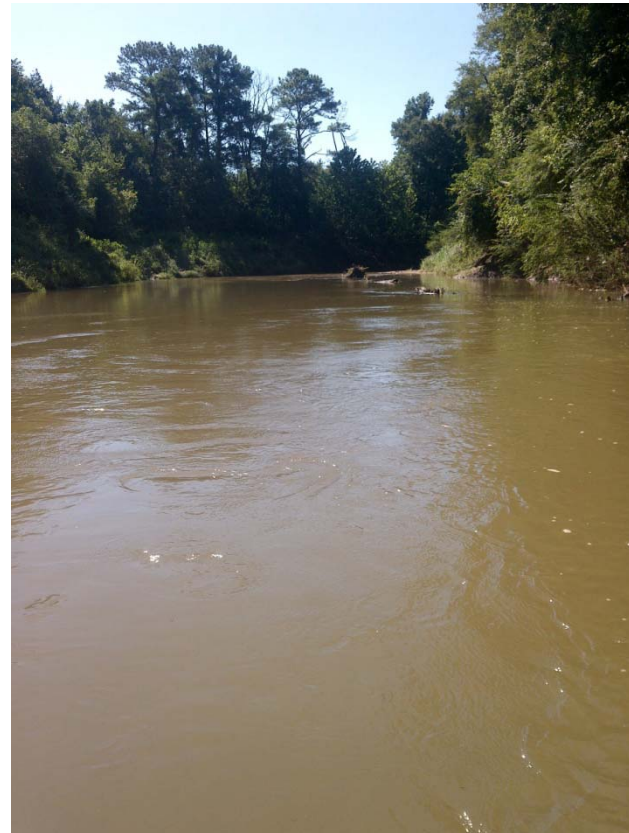


DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 133



Post-Cleanup Site 133



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 134



Post-Cleanup Site 134



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 135



Post-Cleanup Site 135



DeKalb County Stream Cleanup Supplemental Environmental Project

Pre-Cleanup Site 136



Post-Cleanup Site 136



APPENDIX R
Sample of the Ecological Parameter Score

HABITAT ASSESSMENT FIELD DATA SHEET—LOW GRADIENT STREAMS (FRONT)

STREAM NAME: <u>South River</u>		SITE (or ID) #: <u>100</u>	
LAT (DD): <u>33. 33. 68034° N</u>		LONG (DD): <u>84. 34577° W</u>	
LAT (D.M.S.): <u>33° 40' 49.224" N</u>		LONG (D.M.S.): <u>84° 20' 44.772" W</u>	
INVESTIGATORS: <u>KPH, JC</u>		FORM COMPLETED BY: <u>K.P. Haywood</u>	
PROJECT: <u>DeKalb Co.</u>	DATE <u>06.18.12</u> TIME <u>AM PM</u>	REASON FOR SURVEY: <u>SEP</u>	
FIELD SEASON: <u>Summer</u>	COMMENTS: <u>Large number of birds in stream, See photos Nos: 1053-1066</u>		

Habitat Parameter	Condition Category			
	Optimal	Suboptimal	Marginal	Poor
1. Epifaunal Substrate/ Available Cover	Greater than 50% of substrate favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are not new fall and not transient).	30-50% mix of stable habitat, well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale).	10-30% mix of stable habitat; habitat availability less than desirable, substrate frequently disturbed or removed.	Less than 10% stable habitat; lack of habitat is obvious; substrate unstable or lacking
SCORE <u>11</u>	20 19 18 17 16	15 14 13 12 <u>11</u>	10 9 8 7 6	5 4 3 2 1 0
2. Pool Substrate Characterization	Mixture of substrate materials, with gravel and firm sand prevalent, root mats and submerged vegetation common.	Mixture of soft sand, mud, or clay; mud may be dominant; some root mats and submerged vegetation present.	All mud or clay or sand bottom; little or no root mat; no submerged vegetation.	Hard-pan clay or bedrock; no root mat or vegetation.
SCORE <u>8</u>	20 19 18 17 16	15 14 13 12 11	10 9 <u>8</u> 7 6	5 4 3 2 1 0
3. Pool Variability	Even mix of large-shallow, large-deep, small-shallow, small-deep pools present.	Majority of pools large-deep; very few shallow.	Shallow pools much more prevalent than deep pools.	Majority of pools small-shallow or pools absent
SCORE <u>8</u>	20 19 18 17 16	15 14 13 12 11	10 9 <u>8</u> 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than <20% of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 20-50% of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 50-80% of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 80% of the bottom changing frequently; pools almost absent due to substantial sediment deposition.
SCORE <u>8</u>	20 19 18 17 16	15 14 13 12 11	10 9 <u>8</u> 7 6	5 4 3 2 1 0
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.
SCORE <u>18</u>	20 19 <u>18</u> 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0

Parameters to be evaluated in sampling reach

HABITAT ASSESSMENT FIELD DATA SHEET - LOW GRADIENT STREAMS (BACK)

Habitat Parameter	Condition Category									
	Optimal	Suboptimal	Marginal	Poor						
6. Channel Alteration	Channelization or dredging absent or minimal, stream with normal pattern.	Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization is not present.	Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.	Banks shored with gabion or cement, over 80% of the stream reach channelized and disrupted. Instream habitat greatly altered or removed entirely.						
	SCORE <u>13</u>	20 19 18 17 16	15 14 <u>(11)</u> 12 11	10 9 8 7 6	5 4 3 2 1 0					
7. Channel Sinuosity	The bends in the stream increase the stream length 3 to 4 times longer than if it was in a straight line. (Note - channel braiding is considered normal in coastal plains and other low-lying areas. This parameter is not easily rated in these areas.)	The bends in the stream increase the stream length 2 to 3 times longer than if it was in a straight line.	The bends in the stream increase the stream length 1 to 2 times longer than if it was in a straight line.	Channel straight; waterway has been channelized for a long distance.						
	SCORE <u>6</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 <u>(6)</u>	5 4 3 2 1 0					
8. Bank Stability (score each bank)	Banks stable, evidence of erosion or bank failure absent or minimal, little potential for future problems. <5% of bank affected.	Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.	Moderately unstable; 10-60% of bank in reach has areas of erosion; high erosion potential during floods.	Unstable, many eroded areas, "mv" areas frequent along straight sections and bends; obvious bank sloughing; 60-100% of bank has erosional scars.						
					SCORE <u>8</u> (LB)	Left Bank	10 9	<u>(8)</u> 7 6	5 4 3	2 1 0
					SCORE <u>8</u> (RB)	Right Bank	10 9	<u>(8)</u> 7 6	5 4 3	2 1 0
9. Vegetative Protection (score each bank) Note: determine left or right side by facing downstream.	More than 90% of the streambank surfaces and immediate riparian zone covered by native vegetation, including trees, understory shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.	70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.	50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.	Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.						
					SCORE <u>7</u> (LB)	Left Bank	10 9	8 <u>(7)</u> 6	5 4 3	2 1 0
					SCORE <u>7</u> (RB)	Right Bank	10 9	8 <u>(7)</u> 6	5 4 3	2 1 0
10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.	Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.	Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.	Width of riparian zone <6 meters; little or no riparian vegetation due to human activities.						
					SCORE <u>10</u> (LB)	Left Bank	<u>(10)</u> 9	8 7 6	5 4 3	2 1 0
					SCORE <u>6</u> (RB)	Right Bank	10 9	8 7 <u>(6)</u>	5 4 3	2 1 0

Parameters to be evaluated broader than sampling reach

 Total Score 118